

OPERAS

open access in the european research
area through scholarly communication



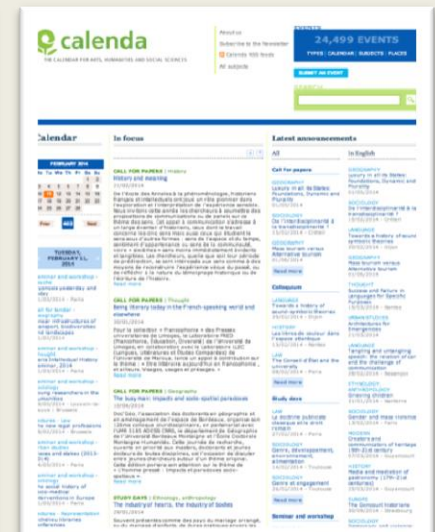
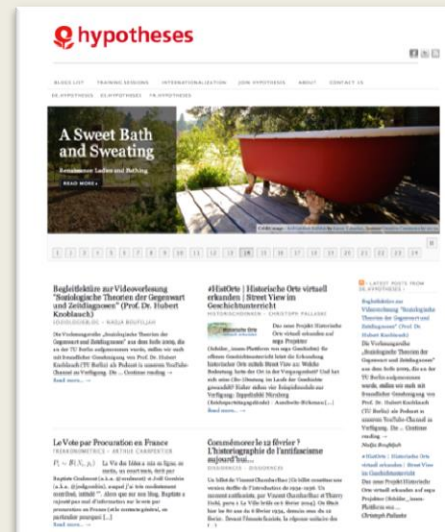
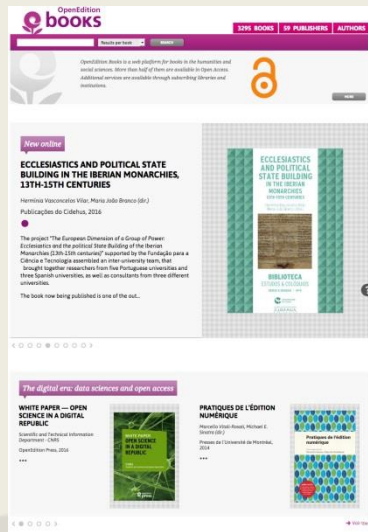
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FURTHER INFORMATION



OPERAS

open access in the european research
area through scholarly communication

- 21 partners
- 10+ European Countries
- 2 H2020 projects
- 90+ FTE

Current volumetry

- 800 000 published documents
- 250 000 authors
- 50 000 000 unique visitors
a year

Potentiality

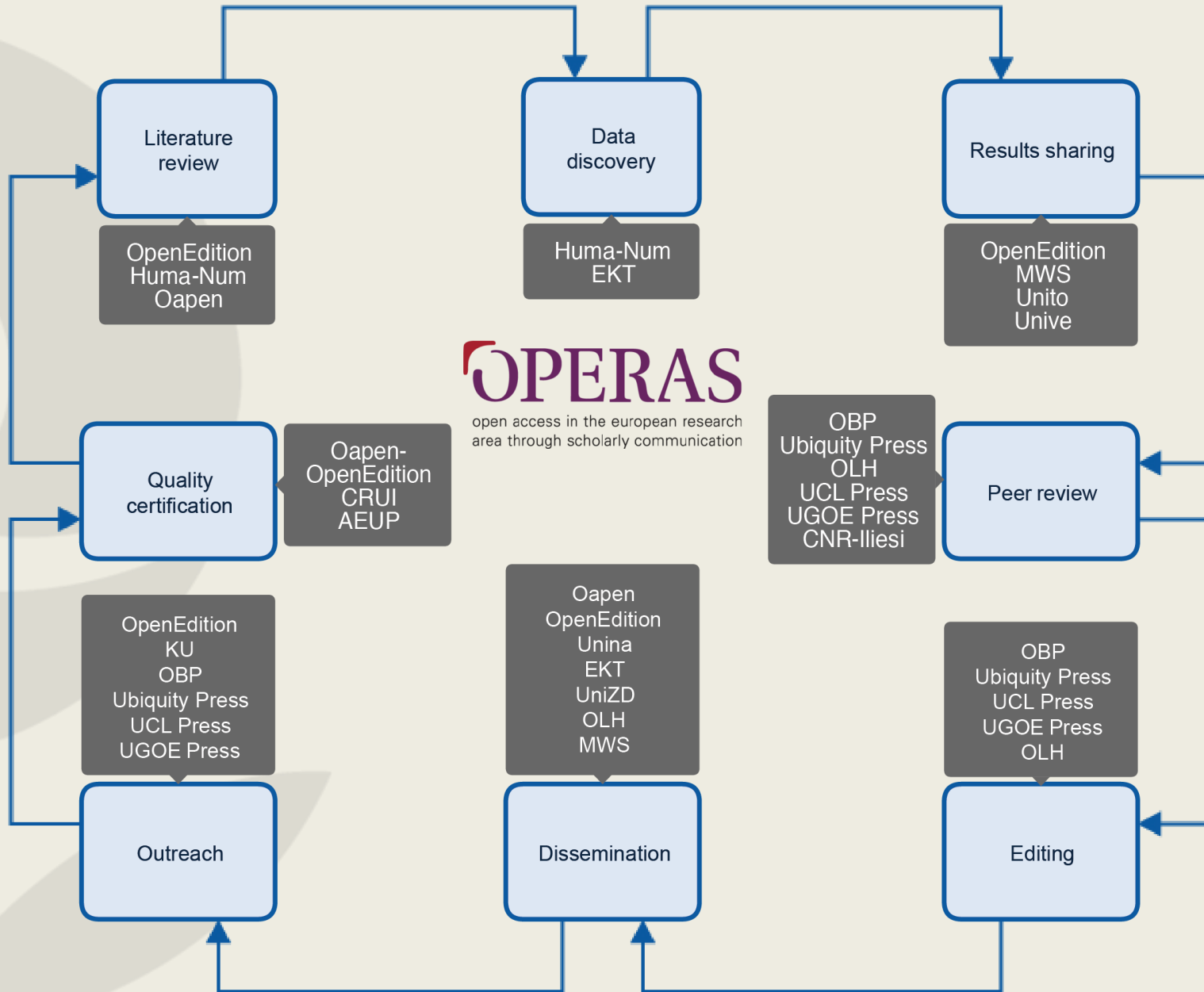
- 1,2M : researchers potentially
impacted



Partners

Country	Partner	National Infrastructure
France	IR OpenEdition – Core Group - Coordinator TGIR Huma-Num	* *
United Kingdom	Knowledge Unlatched Open Books Publishers Open Library of Humanities Ubiquity Press UCL Press – Core Group	
Germany	Max Weber Stiftung – Core Group Göttingen University Library	* *
Netherlands	Oapen Foundation – Core Group	
Greece	Εθνικό Κέντρο Τεκμηρίωσης – EKT – Core Group	*
Italy	Conferenza dei Rettori delle Università italiane – CRUI Consiglio Nazionale delle Ricerche – ILIESI Università Ca' Foscari Venezia Università degli Studi di Napoli Federico II Università di Torino	*
Portugal	ISCTE – Instituto Universitario de Lisboa - CRIA	
Croatia	University of Zadar	*
Poland	Instytut Badań Literackich Polskiej Akademii Nauk	
Luxembourg	Université du Luxembourg - CVCE	
Europe	Association of European University Presses	

OPERAS offers services at each stage of the research cycle



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Addressing the researchers needs



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In humanities and social sciences

Challenge	OPERAS
Incomplete digital transition of researchers and publishers.	Support digital infrastructures for academic publishing and more largely scholarly communication.
Slow uptake on Open Access	Ease adoption of open access with different and complementary economic models
Specific challenge of monographs	Support innovation for open access monographs
Poor innovation in scientific communication	Initiate shared R&D programs
Players fragmented	Connect players in a network to drive them towards standards, sharing, best practices

For scientific communication

Challenges	OPERAS
Oligopoly and vertical integration that ensures domination by commercial publishers on the market	Is based on the concept of federative not centralised infrastructure supporting « fair » players
Gap between new open science practices and evaluation systems	Pushes for a wider adoption of new usage metrics
New innovative players but no guarantee of quality and sustainability	Develops open and transparent certification services
Loss of control by the scientific community on the communication process	Involves primarily research institutions
Fragility of digital technologies regarding preservation	Drives players towards long term preservation

To engage with society

Challenges	OPERAS
Traditional impact model is weak	Adopt a communication model based on engagement through social media
Valorization mostly through technology-for-industry	Diversify societal partners : associations, medias, administrations, activists
« Post truth », « alternative facts », « fake news »	Call up SSH to help socio-economic actors better understand their social context
Research impacts poorly on public policies	Integrate better social sciences expertise in policy reports

Common Actions

Action	Leader	Partners
Communication and outreach	Max Weber Stiftung UCL Press	University of Torino Gottingen University
Research and development	OpenEdition	OpenEdition Open Book Publishers Knowledge unlatched University of Gottingen University of Zadar
Best practices	Oopen	University of Torino University of Naples CRUI University of Zadar
Standards	EKT	Open Book Publishers Knowledge unlatched
Business models	EKT UCL Press	Oopen Open Library of Humanities
Future services	Oopen OpenEdition	Open Book Publishers University of Naples CRUI University of zadar

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Building the infrastructure



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OPERAS services

Subsidiarity as a principle

- **Support efficient scholarly communication services at local level**
 - Drive players in sustainable open communication models (best practices, business models)
 - Develop cooperation and interoperability between players (standards, R&D)
 - Support editorial innovation (R&D)
- **Integrate in EOSC**
 - Develop interoperability with data repositories
 - Connect platforms to low level (Geant) and same level infrastructures (Darjah, OpenAire, Clarin, CESSDA)
 - Expose data compliant with standards
- **Develop integrated services at European level:**
 - Certification service for research monographs
 - Discovery tool for all data and documents in SSH
 - Multidisciplinary environment for research and society collaboration

Development plan

Phase	years	Milestone	Structure	Cost	FR funding	EU funding
Initial	2015-2016	H2020 projects	Letters of intent	--	Equipex	--
Design	2017-2018	Directory of Open Access Books	MoU	1.5 M	Equipex	EINFRA INFRASUPP
Préparation	2018-2020	Isidore EU	Association	3.5 M	Equipex	INFRAEOSC H2020
Construction	2020-2024	Hypothèses	Association	6.6 M	PIA 3	INFRADEV 1
Opération	2024-2028	ERIC	ERIC	1M/year	PIA 3	INFRADEV 2
				TOTAL :		
				15,6M		

Phase 1 : Design (1.8M)



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2017-2018 : OPERAS-D

- OpenEdition coordination
- 4 Core Group partners
- 400 000 euros
- 18 months
- First results validated end of june 2017 by the 21 partners

<i>WP Number</i>	<i>WP Title</i>	<i>Lead Beneficiary</i>
WP1	Project management and overall coordination	OpenEdition / CNRS
WP2	Developing network and e-infrastructure strategy	EKT
WP3	Technical and service requirements	OpenEdition / CNRS
WP4	The OPERAS business and governance model and long-term strategy	OAPEN
WP5	Dissemination, communication and exploitation	MWS

OPERAS Landscape study

- Literature review on OA particularly in SSH
- Under supervision by EKT (GR)
- Focus on new models of scholarly communication: data journals, open peer review, overlay journals, etc.

As the RECODE project pointed out (Tsoukala et al. 2015), Scientific, Technical and Medical (STEM) publishers were the first to acknowledge the significance of open access to research data and have supported open access to research data through the adoption of mandatory policies that require authors to deposit the data underlying the publications in certified repositories and make them openly available. This interest of STEM publishers has also been translated in the emergence of data journal.

Yet, data journals also exist in SSH. Ubiquity Press, an open access publisher, is among the publishers with a number of data journals in the SSH.

The Journal of Open Archaeology (JOAD)

The Journal of Open Archaeology (JOAD), published by Ubiquity Press, features peer-reviewed data papers with high reuse potential. Datasets should be deposited in a data repository under an open license (such as creative commons zero). The journal applies a peer review process to all submitted data papers against two criteria: the paper content and the deposited data. According to the journal, the former is about providing information regarding the creation and re-use of the dataset as well as a description of the dataset, while the latter is among others about the submission of data to a repository with a sustainability mode, its licensing

The journal provides a list of recommended repositories (international, national and institutional) that meet its peer review requirements and are recommended for the archiving of JOAD datasets.

Source: <http://openarchaeologydata.metajnl.com/>

The Journal of Open Psychology Data (JOPD)

The Journal of Open Psychology Data (JOPD), published by Ubiquity Press, collaborates with a number of repositories to ensure that the associated metadata are professionally archived, preserved, and openly available. The journal provides a list of recommended repositories (international, national and institutional) that meet its peer review requirements and are recommended for the archiving of JOPD datasets. Data papers are peer-reviewed to ensure they are accurate and meet the journal's criteria. According to the journal's editorial policy, authors must provide under the review section both concrete and useful suggestions for the reuse of the data.

For datasets to be actionable, the journals states that if a software or other tool is used to make data interpretable this should also be archived and accessible.

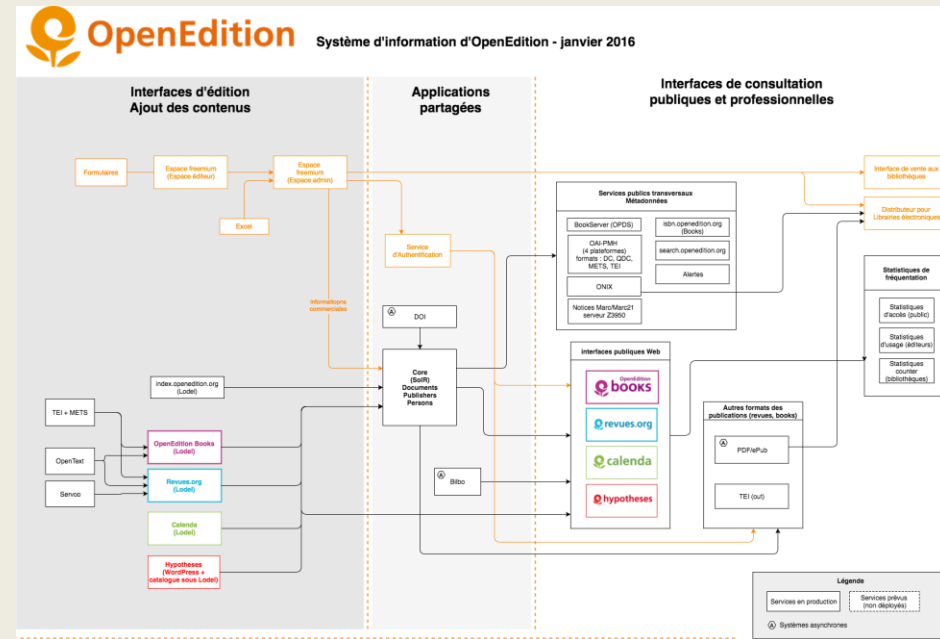
Source: <http://openpsychologydata.metajnl.com/>

OPERAS technical mapping

Technical description of each partner:

- Hardware
- Softs, languages, architecture, IS
- Services
- Workflow
- Will to share

First step for a technological convergence between partners



OPERAS survey for future services

A survey launched at European level on services needed. 5 types of stakeholders targeted :

- researchers
- libraries
- funders
- publishers
- general public

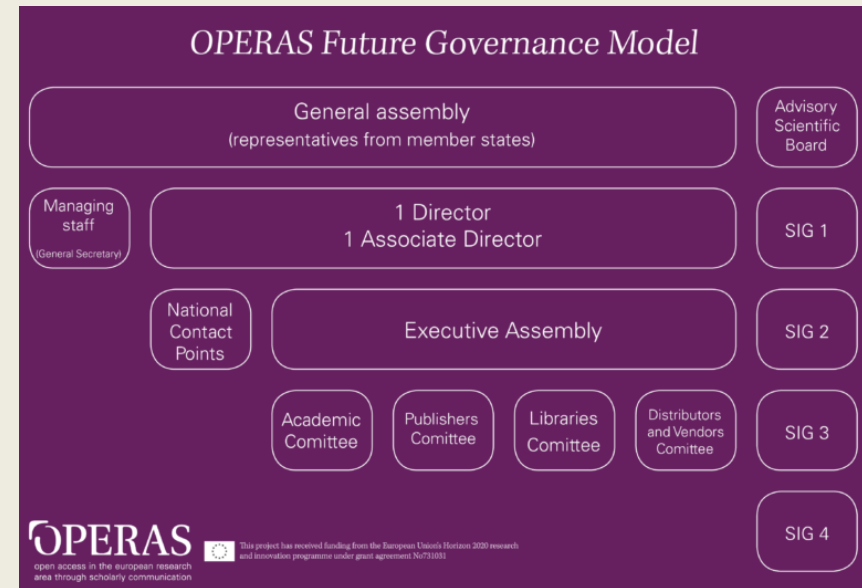


The screenshot shows the OPERAS website homepage. The header features the OPERAS logo with the tagline "open access in the european research area through scholarly communication". Below the header is a navigation menu with links: Home, About, OPERAS-D, HIRMEOS, Partners, Working Groups, Future Governance, News and Events, Bibliography/Links, and Promotional Material. A search bar is located in the top left of the main content area. The main content area is divided into three columns: "FOLLOW:" with social media icons for Facebook, Twitter, and LinkedIn; "HOME" with a description of OPERAS as a distributed Research Infrastructure (RI) project and a link to find more information; and "MORE" with a "NEWSDESK" section listing recent news items such as "OpenAIRE survey on open peer review: Attitudes and experience amongst editors, authors and reviewers | Zenodo" and "European Commission considering leap into open-access publishing | Science | AAAS".

Business plan and governance model

Under the supervision of Oopen

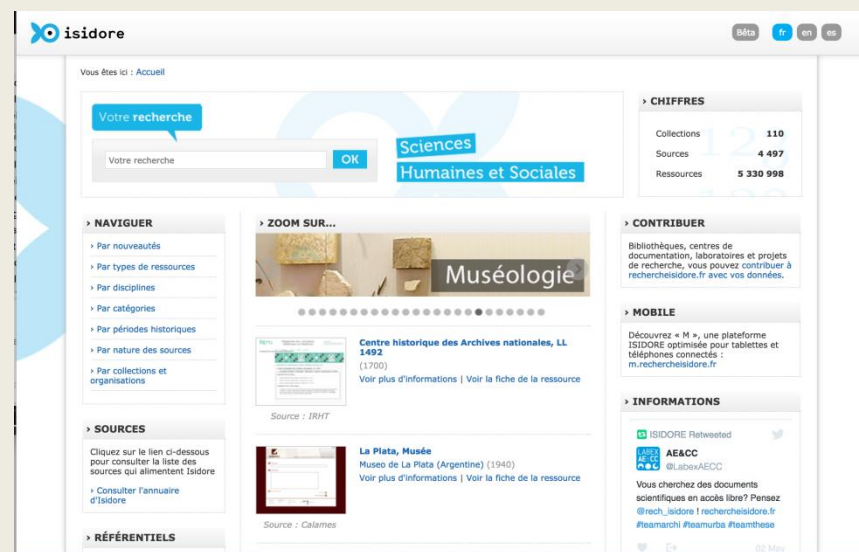
- Establish the business model of the future infrastructure
- Establish the future governance model
- Establish a roadmap up to implementation



Phase 2 : preparation (3.5M)

2018-2020

- Development of a discovery tool
- TGIR Huma-Num strategic partner
- INFRAEOSC call
- Creation of an association
- Extension to new countries: Scandinavia, Central Europe



Phase 3 : Implementation (6.6M)

2020-2024

- Development of Research for society service
- From Hypotheses platform
- Creation of ERIC at the end of the phase



The screenshot displays the Hypotheses Academic Blogs website. At the top, the logo for 'hypotheses' is shown in red, with 'ACADEMIC BLOGS' in black below it. A red navigation bar contains the following links: 'Home', 'About Hypotheses', 'Browse by language' (with a dropdown arrow), 'Catalogue', and 'Your blog'. Below the navigation bar, the section 'FEATURED POSTS' is visible, with left and right navigation arrows. The main featured post is a black and white photograph of a person's hands filtering water through a metal strainer into a glass jar. The text below the image reads: 'Tatiana Acevedo Guerrero · FLOWs' and 'Image credits: CC by Ross Pollack'. The title of the post is 'Delhi's Waters Through the Eyes of Women Working as Domestic Workers'. Below this, there are two smaller featured posts: 'NICOLAS LABARRE · PICTURING IT! 02 MAY 2017' with the title 'Mapping the reception of the Ody-C comic book with Twitter', and 'PERIN YAVUZ · ARVIMM 02 MAY 2017' with the title '« Writing Art Histories »'. A third post by Sarah Johnson Maud Houssais Lillian Davies is partially visible at the bottom.

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It's already started



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HIRMEOS

a proof of concept for OPERAS



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HIRMEOS OPEN SCIENCE

High Integration of Research Monographs in the European Open Science infrastructure

[SERVICES](#)

[NEWS](#)

2 M euros - 30 months- 9 partners –
5 platforms - 8000 monographs – 4 M unique visitors a year

TYPE OF SERVICE	TYPE OF DATA	TECHNOLOGY OR STANDARDS
Identification	Authors ID	ORCID
	Documents ID	DOI
Entity recognition	Named entities	NERD
Certification	Peer Review process	DOAB PR types
	License	Creative Commons
Annotation	Open peer review	hypothes.is
	Open Commentary	hypothes.is
Usage metrics	Downloads	COUNTER
	Citations/Reviews	Crossref - Google Scholar
	Social media impact	ALM

There will be four levels of implementation for each of the five mentioned services with the first two being mandatory within the project consortium, a) API connection, b) exchange of data and metadata via OAI-PMH, c) visualization of generated data on the platform, d) making one or more of the services functional for users.



Centre National de la Recherche Scientifique CNRS (CNRS)
Rue Michel Ange 3, Paris 75794, France



Ethniko Idryma Erevnon (NHRF - EIE)
Vass. Konstantinou 48, Athina 11635, Greece



Stitching OAPEN (Open Access Publishing in European Networks) (OAPEN)
NL6, 53135296, Prins Willem-Alexanderhof 5, Den Haag, 2595 BE, Netherlands



Max Weber Stiftung - Deutsche Geisteswissenschaftliche Institute im Ausland (DGIA)
Rheinallee 6 53173 Bonn, Nordrhein-Westfalen, Deutschland



Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts (UGOE)
Wilhelmsplatz 1, Göttingen 37073, Deutschland



Ubiquity Press Limited (UBIQUITY PRESS)
Windmill Street 6, London W1T 2JB, United Kingdom



Open Book Publishers Community Interest Company (Open Book Pub) LTD
Devonshire Road 40, Cambridge CB1 2BL, United Kingdom



Digital Research Infrastructure for the Arts and Humanities (DARIAH ERIC)
Avenue de France 190-198, Paris, France



Università degli Studi di Torino (UNITO)
Via Giuseppe Verdi 8, Torino, Italy

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Winner of the IFLA/Brill Open Access award 2015

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Gates Foundation-funded studies like this effort to boost crop photosynthesis may soon be published on a new platform. HALEY AHLERS/RIPE PROJECT

European Commission considering leap into open-access publishing

By **Martin Enserink** | Mar. 29, 2017, 3:00 AM

One of Europe's biggest science spenders could soon branch out into publishing. The European Commission, which spends more than €10 billion annually on research, may follow two other big league funders, the Wellcome Trust and the Bill & Melinda Gates Foundation, and set up a "publishing platform" for the scientists it funds, in an attempt to accelerate the transition to open-access publishing in Europe.

Got a tip?

How to contact the news team

Latest News

Sifter



Bricks made of martian soil may be stronger than steel-reinforced concrete

APR. 27, 2017



Most mammals need only 12 seconds to poop

APR. 26, 2017



Munch's *The Scream* was probably inspired by rare clouds

APR. 26, 2017



Could more reflective clouds save the Great Barrier Reef?

APR. 24, 2017

Amsterdam Call for Action on Open Science

EU
2016



From vision to action

This Call for Action is the main result of the Amsterdam conference on 'Open Science – From Vision to Action' hosted by the Netherlands' EU presidency on 4 and 5 April 2016. It is a living document reflecting the present state of open science evolution. Based on the input of all participating experts and stakeholders' as well as outcomes of preceding international meetings and reports, a multi-actor approach was formulated to reach two important pan-European goals for 2020:

1. **Full open access for all scientific publications**
This requires leadership and can be accelerated through new publishing models and compliance with standards set.
2. **A fundamentally new approach towards optimal reuse of research data**
Data sharing and stewardship is the default approach for all publicly funded research. This requires definitions, standards and infrastructures.

To reach these goals by 2020 we need flanking policy:

3. **New assessment, reward and evaluation systems**
New systems that really deal with the core of knowledge creation and account for the impact of scientific research on science and society at large, including the economy, and incentivise citizen science.
4. **Alignment of policies and exchange of best practices**
Practices, activities and policies should be aligned and best practices and information should be shared. It will increase clarity and comparability for all parties concerned and help to achieve joint and concerted actions. This should be accompanied by regular monitoring-based stocktaking.

Twelve action items with concrete actions to be taken

Twelve action items have been included in this Call for Action. They all contribute to the transition towards open science and have been grouped around five cross-cutting themes that follow the structure of the European Open Science Agenda as proposed by the European Commission. This may help for a quick-start of the Open Science Policy Platform that will be established in May 2016. Each action item contains concrete actions that can be taken immediately by the Member States, the European Commission and the stakeholders.

¹ Stakeholders include research funders, Research Performing Organisations (including researchers, libraries and support staff), publishers (including information service providers) and businesses.

« Last year, European leaders adopted an ambitious plan to make all papers published in the union open access by 2020. **But the new plan suggests the commission believes the publishing industry is moving too slowly,** says Leo Waaijers, a former chief librarian at Delft University of Technology in the Netherlands. “I think there’s an element of desperation here,” says Waaijers, who welcomes the new idea. » *Science*, March 2017. <http://www.sciencemag.org/news/2017/03/european-commission-considering-leap-open-access-publishing>

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Thanks and see you soon in OPERAS!

pierre.mounier@openedition.org

Website : <http://operas-eu.org>

Twitter: @OPERASEU

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