OPERAS
open access in the European research area through scholarly communication

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No731031
Design for Open access Publications in European Research Areas for Social Sciences and Humanities

De 2017-01-01 à 2018-06-30, projet en cours

Détails concernant le projet

Coût total: EUR 408 586,25
Contribution de l'UE: EUR 408 586,25
Coordonné à/au(x)/en: France

Objectif

 OPERAS-D (Design) project will support the 5 main partners ("core group") of the OPERAS network in the development of a European e-infrastructure for open access publications in the Social Sciences and Humanities (SSH). The project will address long-term requirements for the development of the e-infrastructure and community building, as well as seek to expand other interested parties within and beyond Europe, and in diverse fields of the SSH. This will help achieve the goal of creating a sustainable platform and services environment for SSH publications.

Coordonneur

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS
RUE MICHEL ANGE 3
75794 PARIS
France

Participants

ETHNIKO IDYIOMA EREVNON
Greece

STICHTING OAPEN*OPEN ACCESS PUBLISHING IN EUROPEAN NETWORKS
Netherlands

MAX WEBER STIFTUNG DEUTSCHE GEISTESWISSENSCHAFTLICHE INSTITUT IM AUSLAND
Germany

KNOWLEDGE UNLIMITED CIC
United Kingdom
About OPERAS-D

The OPERAS-D (Design) project supports the 9 main partners ("core group") of the OPERAS network in the development of a European e-infrastructure for open access publications in the SSH. The project addresses long-term requirements for the development of the e-infrastructure and community building, as well as seeks to expand other interested parties within and beyond Europe, and in diverse fields of the SSH. To achieve this goal, the key objectives of the OPERAS-D project are to prepare a design study that defines governance models, structures and scientific and technical concepts for future services that the infrastructure will provide, and establishes a roadmap to achieve these goals according to the requirements for long term sustainability. OPERAS-D engages the current and future partners in the OPERAS network to strengthen the community and develop the network of partners participating in OPERAS across Europe, specifically in central European countries.

Partners: CNRS/CLEO, OAPEN, Max Weber Stiftung (MWS), National Documentation Centre (EKT), KU Research

Duration: 18 months from January 2017

Project information on CORDIS: OPERAS-D

List of Work Packages (WP)

<table>
<thead>
<tr>
<th>WP Number</th>
<th>WP Title</th>
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<tbody>
<tr>
<td>WP1</td>
<td>Project management and overall coordination</td>
<td>CNRS/CLEO</td>
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<tr>
<td>WP2</td>
<td>Developing network and e-infrastructure</td>
<td>EKT</td>
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<td></td>
<td>strategy</td>
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<td>WP3</td>
<td>Technical and service requirements</td>
<td>OpenEdition, CNRS/CLEO</td>
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<td>WP4</td>
<td>The OPERAS business and governance model</td>
<td>OAPEN</td>
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<td></td>
<td>and long-term strategy</td>
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<td>WP5</td>
<td>Dissemination, communication and exploitation</td>
<td>MWS</td>
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Surveys to establish a user-driven infrastructure
Landscape Study on Open Access publishing - Annex to OPERAS Design Study

OPERAS Consortium

The OPERAS-D team has conducted an analysis of academic and grey literature to identify and examine existing and emerging practices in open access publishing in the SSH, map the key stakeholders and outline key challenges in the open access publishing landscape and potential issues to be addressed by the OPERAS infrastructure. The study focuses primarily on the European environment, but also presents international initiatives of interest to the current analysis. The core findings of this desk review are in turn expected to feed into the Design Study and the roadmap that will define Governance models, structures and scientific and technical concepts for future services and the requirements for long-term sustainability, as well as the design of the business model that will address the purpose and economic logic of OPERAS.

Design for Open access Publications in European research Areas for Social Sciences and Humanities

Project Number: GA 731031

OPERAS-D
In examining all emerging trends in journal and monograph publishing, the report outlines key challenges and potential issues to be addressed by future initiatives. Recently introduced and experimental models (such as scholar-led publishing bodies, and new university presses) share common orientations towards increased participation of researchers in the publishing process and overcome certain deficiencies of the commercial publishing model.

Notwithstanding the importance of such initiatives, as the Report concludes, fragmentation (both in terms of the size and nature of publishers and of their business models) is a key characteristic in the academic publishing landscape. In this context, the main challenge in adopting effective open access publishing practices is to identify and assess current needs and limitations that permeate the academic publishing landscape, in operational as well as communicational terms.

The landscape study confirms that successful research relies primarily on unrestricted access to high quality scientific output and cross-disciplinary, international collaboration. Shared and remotely accessed digital infrastructures constitute an important feature towards the realisation of the European Research Area, and OPERAS aspires to be actively engaged in the implementation of a new mode of science that overcomes fragmentation and enables unrestricted access to high quality scientific output.
October 12, 2017

Technical Mapping of OPERAS Consortium - Annex to OPERAS Design Study

OPERAS Consortium

The technical mapping objective was to identify the services the OPERAS Consortium would have to develop in the future and the method of implementing them in a fully distributed infrastructure. To achieve this objective, OPERAS must first know better its own technical environment, which is very diverse and uneven and then involve users to identify clearly what services are needed by the stakeholder communities.

The technical mapping of the OPERAS environment is meant to provide a global description of the technical, organisational and information systems within the OPERAS Consortium. More precisely, the mapping has collected detailed information about workflows, softwares, development languages, data and metadata management, dissemination and distribution tools.

DESIGN FOR OPEN ACCESS PUBLICATIONS IN EUROPEAN AREAS FOR SOCIAL SCIENCES AND HUMANITIES

Technical mapping of the OPERAS environment

Grant Agreement number : 731031
Project acronym : OPERAS-D

Publication date: October 12, 2017
DOI: DOI 10.5281/zenodo.1247926

Grants:
European Commission:
- OPERAS-D - Design for Open access Publications in European Research Areas for Social Sciences and Humanities (731031)

Communities:
OPERAS: open access in the european research area through scholarly communication

License (for files):
Creative Commons Attribution 4.0
### OPERAS partners technical mapping

<table>
<thead>
<tr>
<th>PARTNER</th>
<th>Huma-Num (Isidore)</th>
<th>EKT</th>
<th>IBL PAN</th>
<th>MWS</th>
<th>Open Edition</th>
<th>OAPEN</th>
<th>OAPEN (DOAB)</th>
<th>Ubiquity Press</th>
<th>UCL press</th>
<th>Univ. Coimbra</th>
<th>Univ. of Turin</th>
<th>Univ. Zadar</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB Size (GB)</td>
<td>1024GB</td>
<td>35GB</td>
<td>Open Edition [60GB]</td>
<td>100GB</td>
<td>60GB</td>
<td>60GB</td>
<td>200MB</td>
<td>270 GB</td>
<td>OAPEN [60GB]</td>
<td>419GB</td>
<td>8GB</td>
<td>78GB</td>
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<td>400TB</td>
<td>50TB</td>
<td>Open Edition [40TB]</td>
<td>1,5TB</td>
<td>40TB</td>
<td>5,5TB</td>
<td>0,7TB</td>
<td>5TB</td>
<td>OAPEN [5,5TB]</td>
<td>25TB</td>
<td>2TB</td>
<td>1,25TB</td>
</tr>
</tbody>
</table>
### OPERAS partners technical mapping

| PARTNER     | OPENEDITON | Huma-Num (Isidore) | EKT    | Ubiquity Press | MWS | Unito | OAPEN | OAPEN (DOAB) | Univ. Coimbra | Univ. Zadar | IBL PAN | UCL press |
|-------------|------------|--------------------|--------|----------------|-----|-------|-------|--------------|---------------|-------------|----------|----------|-----------|
| CPU cores   | 724        | 192                | 72     | 31             | 12  | 12    | 4     | 4            | 6             | 4          | OpenEdition | OAPEN     |
| Servers (nb)| 21         | 8                  | 6      | 10             | 1   | 1     | 4     | 4            | 4             | 6          | OpenEdition | OAPEN     |
| RAM (GB)    | 3000       | 1000               | 1100   | 115            | 24  | 32    | 32    | 32           | 28            | 8          | OpenEdition | OAPEN     |
| Provider    | CC IN2P3   | CC IN2P3           | EKT    | Amazon         | BSB | Cineca | UvA   | SemperTool   | Univ. Coimbra | SRCE       | OpenEdition | OAPEN     |
Usage surveys on Open Access - May-June 2017 - Annex to OPERAS Design Study

OPERAS Consortium

The objective of the survey was to identify current practices and services OPERAS will have to develop and implement for the future. The purpose of the survey was to identify current practices and services that should be developed or invented. It will serve as a basis for defining the future infrastructure of OPERAS.

The survey was addressed to five different audiences, all stakeholders in various capacities in open access: publishers, researchers, libraries, funders and the general public. It collected information and suggestions mainly about common standards, good practices, new features, new integrated services, and multilingualism. The survey was disseminated through the OPERAS networks of partners and lasted for about one month. The surveys did contain closed and open questions, in order to collect both quantitative and qualitative answers. Participation was about a hundred on average, with the highest response of 164 for the researchers’ survey.

DESIGN FOR OPEN ACCESS PUBLICATIONS IN EUROPEAN AREAS FOR SOCIAL SCIENCES AND HUMANITIES

User-driven surveys on open access scholarly communication (may-june 2017)
## Survey on publishers

**PUBLISHING SOFTWARE**

<table>
<thead>
<tr>
<th>Software</th>
<th>Spring Survey</th>
<th>Autumn Survey</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Other</td>
<td>8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XMLmind</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wordpress</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RUA</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pub2web</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pressbooks</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PDF creator</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OJS</td>
<td>25%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MS Word</td>
<td>19%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lodel</td>
<td>29%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joomla</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ipublishcentral</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indesign (Adobe)</td>
<td>12%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyperwave</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highwire</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dreamweaver (Adobe)</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acrobat (Adobe)</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **Started surveys** | **42** | **38** | **117** |
| **Completed surveys** | **42** | **17** | **59** |
Visibility of OA monographs

The Visibility of Open Access Monographs in a European Context

A report prepared by Knowledge Unlatched Research

30 January 2018

Cameron Neylon,1,2 Lucy Montgomery,1,2 Alkim Ozaygen,1,2 Neil Saunders1 and Frances Pinter1,2

1. Centre for Culture and Technology, Curtin University, Kent St, Bentley, Western Australia
2. Knowledge Unlatched Research, United Kingdom

This project received funding from European Union’s Horizon 2020 research and innovation programme under grant agreement 731031.

A number of respondents expressed a desire for a “dashboard” or other visualisations that could bring multiple data sources together. The consequent need for data integration and standardisation to achieve this was mentioned in one or two responses but awareness of the challenges of comparison across sources appeared to be limited. There was some evidence of a conflation of visualisation with data integration.

Respondents are small organisations with limited capacity. There is a desire for coordination and shared services, infrastructures, standards. A common thread in the responses was that the publishers and platforms who are engaged in Open Access scholarly book publishing are relatively small. This is both a challenge and an opportunity. They have limited capacity to develop internal processes and systems are looking for shared services and platforms to assist in developing usage data capabilities.

It would be of great help if we could have a main service from where we could manage all the information related to statistical usage data.

[To engage more effective with usage data we would like a]... consortium agreement with Google on how to gather and access usage data.

We would like to see a usage aggregation service that consolidates usage data from different hosting partners into one standardised report in an automated way. In turn, this should translate into a usage dashboard that can be embedded into platforms and allows customers to use different filters to analyse usage by publisher, region, etc.

(one of our biggest challenges is... optimizing workflow, how to do more work with small resources.

What emerges overall is a picture in which platforms and publishers are implementing tools and approaches locally and using what they are provided with to some degree. There is generally a good technical awareness of the tools being deployed, but less apparent awareness of data curation and quality assurance issues.

Many of the challenges arise from issues of data integration and standardisation. Small, and even medium-sized, players have limited capacity to engage with detailed standards or technical development. Equally there are limitations on what capacity a small organisation can provide to investigate the meaning and context of the data being generated. The majority of data use seemed to be in pro...
KU Research findings

• The metadata held and managed by OPERAS partners is inconsistent and variable in quality

• The visibility of OPERAS partner books in catalogues varies by publisher.

• Evidence can be obtained that books relevant to specific regions gain interest and attention in that region

• The variable quality of book metadata creates challenges in analysing visibility consistently

• The variable quality of book metadata creates challenges for downstream data aggregation and analysis providers
OPERAS proposition: a distributed infrastructure for open scholarly communication in SSH
To provide a pan-European infrastructure for open scholarly communication

Integration of the long tail into Open Science
OPERAS members serve the researcher’s needs all along the research cycle.
A federation of publication platforms...

OPERAS Hub

Certification

doab

Find

Discovery

isidore

Certify

Activate

Researchers,
Funders
and Libraries

Researchers and
Libraries

Researchers and
socio-economic
actors

... to deliver
Open Science
services...
Coordinated by the Core Group
OPERAS Working Groups

1. **Advocacy**: MWS (contact point), AISA, UGOE, IBL PAN, KU Research, OpenEdition, University of Turin, The Arctic University of Norway
2. **Publishing Tools**: OpenEdition (contact point), Hypothesis, IBL PAN, C²DH, Roma Tre University, Stockholm University Press, Ubiquity Press, University of Turin, University of Milan
3. **Standards**: EKT (contact point), OAPEN, OpenEdition, University of Milan
4. **Business Models**: UCL Press (contact point), AEUP, IBL PAN, KU, KU Research, Lexis, OLH, UC Digitalis
5. **Best Practices**: OAPEN (contact point), AEUP, Hypothesis, LingOA, OpenEdition, OLH, QOAM, Lexis, Stockholm University Press, Ubiquity Press, University of Milan, University of Zadar
6. **Multilingualism**: UC Digitalis (contact point), UGOE, Huma-Num, EKT, ISCTE-IUL
7. **Platforms and Services**: OAPEN (contact point), OpenEdition (contact point), Huma-Num, LingOA, Open Books Publishers, QOAM, University of Zadar
Operas white papers and conference
OPERAS Business Plan
FINANCIAL SUPPORT PLATFORMS?
PREPARATION AND CONSTRUCTION

- **2,7M€** Hub
  - Funded by French Government (PIA3) through OpenEdition

- **9,4M€** Core platforms and Services
  - INFRAEOSC, INFRADEV, SW AFS

- **1,1M€** Consortium
  - In-kind support from partners (LoS and Framework Agreement)

- **0,7M€** Core Group
  - In-kind support from National Nodes (MoU)

- **4M€** Other projects
  - INFRADEVS, bilateral funding schemes
FINANCIAL SUPPORT
OPERATIONAL PHASE

Hub
Governmental funding through ERIC

Core platforms and services
OAPEN, OpenEdition, Huma-Num
Premium services
Institutional crowdfunding:
SCOSS model

Core Group
In-kind from National Nodes

Consortium
In-kind from Partners
## OPERAS Budget Breakdown

**Preparation and construction cost**
- **18M€**

**Operational cost**
- **1,6M€/year**

### OPERAS Budget

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<tr>
<td>Core Infrastructure</td>
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<td>€1,900,000</td>
<td>€2,720,000</td>
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<td>Central hub</td>
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<td>€1,600,000</td>
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<td>National nodes</td>
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<td>€280,000</td>
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<td>Design study</td>
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<td>Legal development</td>
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<td>€20,000</td>
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<td>Travel</td>
<td></td>
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<td></td>
<td>€50,000</td>
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<td>Hosting</td>
<td>in kind OE</td>
<td>in kind OE</td>
<td>in kind OE</td>
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<td>Best practises</td>
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<td>Business models</td>
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<td>EOSC integration</td>
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<td>€2,450,000</td>
<td>€1,800,000</td>
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<tr>
<td>Books integration</td>
<td>€220,000</td>
<td>€1,000,000</td>
<td></td>
<td></td>
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<tr>
<td>SSH output integration</td>
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<td>€1,450,000</td>
<td>€1,800,000</td>
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<td>Central Platforms</td>
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## Overview of costs and funding sources

<table>
<thead>
<tr>
<th>Phase</th>
<th>Timeline</th>
<th>Costs</th>
<th>Funding sources</th>
<th>Specific Funding</th>
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</thead>
<tbody>
<tr>
<td>Design</td>
<td>2015–17</td>
<td>2.4 M</td>
<td>OpenEdition 0.3 M Core Group 0.1 M Partners 0.2 M EU project 1.3 M (Various 0.5 M)</td>
<td>PIA2 OPERAS-D (INFRASUPP HIRMEOS (EINFRA))</td>
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<td>Preparation</td>
<td>2018–22</td>
<td>8.6 M</td>
<td>Hosting country 1.1 M National nodes 0.3 M Participants 0.5 M EU projects 6.7 M</td>
<td>PIA3 HIRMEOS (EINFRA) INFRAEOC-02-2019 INFRADEV-02-2019-2020 SWAFS-15-2018-2019</td>
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<td>Construction</td>
<td>2022–26</td>
<td>9.2 M</td>
<td>Hosting country 1.6 M National nodes 0.4 M Partners 0.6 M EU project 6.7 M</td>
<td>PIA3 INFRADEV-2-2019-2020 INFRADEV2 Revenues from services</td>
</tr>
<tr>
<td>Operation</td>
<td>2026−</td>
<td>1.6 M (annual)</td>
<td>Hosting country 0.4 M National nodes 0.1 M Partners 0.2 M Members</td>
<td>ESRI INFRADEV2 Revenues from services</td>
</tr>
</tbody>
</table>

### Core Infrastructure
French Government during development phases, then Member States

### Core Platforms
EC projects during development phases, then operating partners and premium services

### Consortium cooperation
Mix of inkind contributions, EC projects, other types of funding
OPERAS Governance
MANAGEMENT OFFICE

OPENEDITION : 60 staff
OPERAS Hub : 8 staff (embedded)
OPERAS platforms
Certification
Addressing Tipping Points for a Precarious Future

Authors:

Book Series: British Academy Original Paperbacks
ISBN: 9780197265536
Year: 2013
Pages: 300
DOI: 10.5871/bacad/9780197265536.001.0001
Language: English

Publisher: Oxford University Press
Grant: The British Academy

Subject: Economics --- Environmental Sciences --- Sociology --- Social Sciences

License: [CC BY-NC-ND]

Abstract | Keywords | Free access | Buy the book | Export citation | SHARE
Isidore aligns metadata with controlled vocabularies in European languages
Research for Society

Hypotheses

- 2500 blogs

- Brings 20,000 researchers to OPERAS

- Two new applications per day coming from researchers
The Paradox of Learning and Living Democracy in Ethiopia

BERENGÈRE STASSIN | CYBERVIOLENCE & CYBERHARCÈLEMENT  25 JAN 2018

Representations of school (cyber)bullying in cinema

This article deals with representations of school bullying and cyberbullying in cinema, and more specifically in three recent fiction films: Despues de Lucia (Michel Franco, 2012), 1:54 (Yan England, 2016) et One Kiss (Ivan Cotroneo, 2016). It provides an analysis based on the plot and on images of (cyber)bullying rather than...

TORSTEN WOLLINA | DAMASCUS ANECDOTES  25 JAN 2018

Ibn Tulun manuscripts in Leiden

Among other libraries, Leiden University hosts several autographs by Ibn Tulun (for an introduction of the Oriental MS collections, see here). The collection is quite extraordinary among those, since every Ibn Tulun text is bound individually, even though most of them are of modest size. Their page numbers range between...
The three identified platforms answer the needs of the stakeholders outside the consortium.

<table>
<thead>
<tr>
<th>Name</th>
<th>Area</th>
<th>Target</th>
<th>Identified needs</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>OpenAIRE</td>
<td>All</td>
<td>Policy makers</td>
<td>Open Access monitoring + advocacy + training</td>
<td>Harvesting, indexing</td>
</tr>
<tr>
<td>OPERAS</td>
<td>SSH</td>
<td>Researchers Funders Libraries</td>
<td>Quality assurance Monitoring</td>
<td>Certification of scientific quality</td>
</tr>
<tr>
<td>OPERAS isidore</td>
<td>SSH</td>
<td>Researchers Readers</td>
<td>Finding resources</td>
<td>Discovery: Search engine through semantic tools</td>
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<tr>
<td>OPERAS hypotheses</td>
<td>SSH +</td>
<td>Researchers Socio-economic actors</td>
<td>Engagement</td>
<td>Research for society: New ways of communicating research</td>
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</table>
ESFRI launched the 2018 Roadmap Update process on 17 January 2017 during a dedicated Info Day in Malaga. New proposals for the ESFRI Roadmap can be submitted by National ESFRI Delegations and EIROforum members until 31st August 2017, 18:00 CET.

Roadmap 2018

The Roadmap 2018 submission process will remain open until August 31st and welcomes submissions of new proposals. Following the official presentation of the ESFRI Roadmap 2018 update process at ICR2016 in Cape Town, and the Roadmap 2018 Info Day in Malaga, ESFRI published important documents with the aim to provide a complete description of the requirements, the procedure and the methodology of selection of proposals for the Roadmap Update and thus facilitate new submissions by ESFRI Delegations and EIROforum Members.

The ESFRI ROADMAP 2018 GUIDE offers support to proposers preparing a submission and to the Projects and Landmarks involved in the update procedure. It contains the definitions, models and methods, and describes the procedures applied for this update. It represents ESFRI’s best effort in road-mapping methodology and may thus serve as reference to complementary national exercises. ESFRI invites and welcomes the engagement of the research and innovation communities, as well as of the stakeholders from Europe and beyond, to identify potential new Projects and the ways to strengthen the running ones, and to maximise the return from the pan-European RI investment in terms of science, international collaboration and innovation.
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