OPERAS

A distributed research infrastructure for open scholarly communication in the social sciences and humanities

I Social Sciences and the Humanities in the European landscape

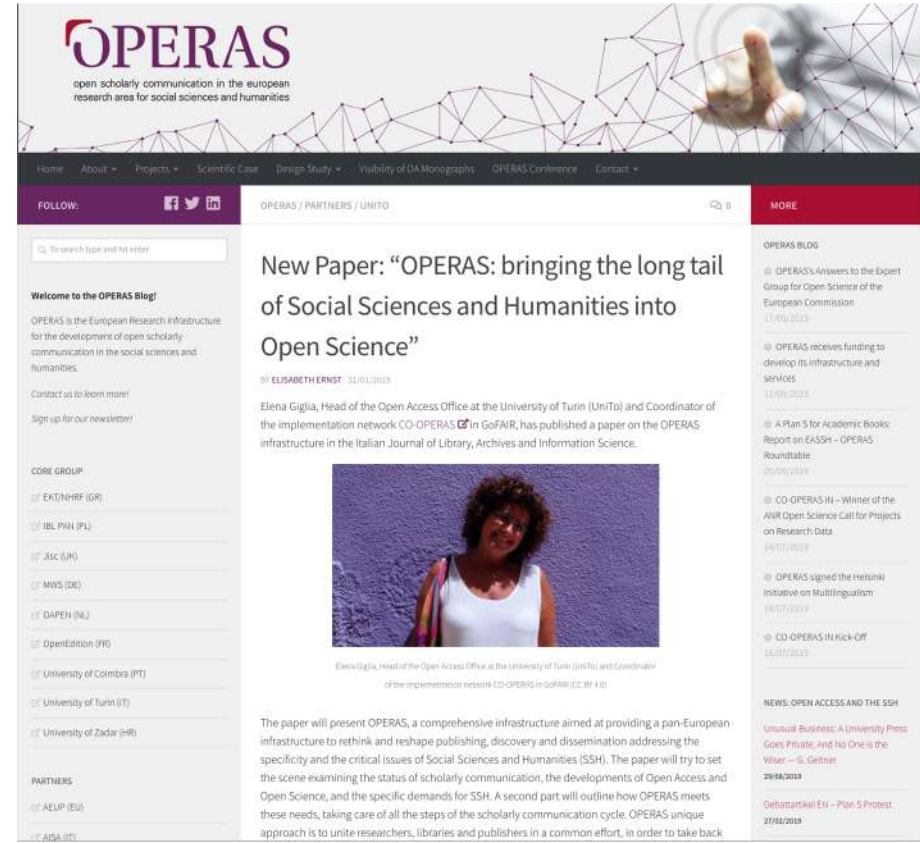# The 'long tail' of scholarly communication

Cultural diversity

Linguistic diversity

Small size of players

Diverse levels of skills and resources

Lack of information in the market

Very soft type of coordination between players

Diversity or fragmentation?

Diversity/Fragmentation of tools and technologies

Diversity/Fragmentation of languages
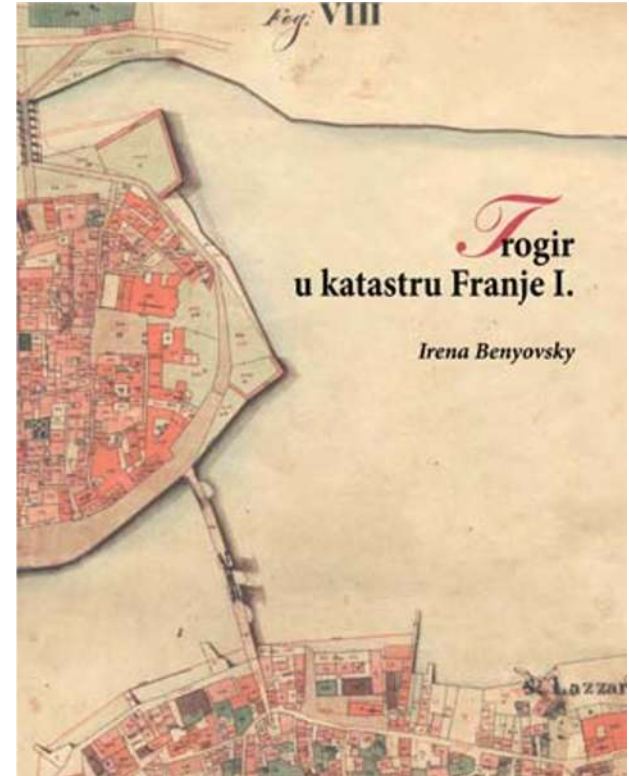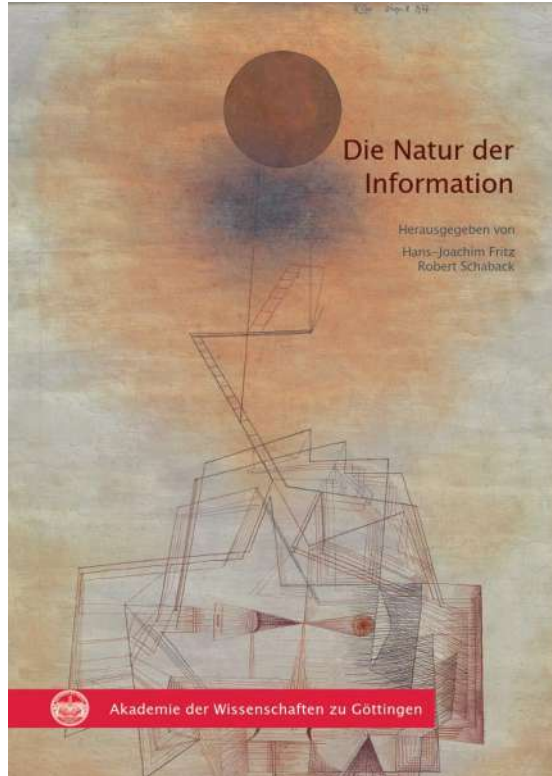
Diversity/Fragmentation of players

II OPERAS proposition:
From *fragmentation* to *Diversity* through
Coordination

A Distributed research infrastructure

Engaging researchers and publishers in a sustainable open scholarly communication model

Streamline the scholarly communication landscape with an adapted service offering

Developing innovation, multidisciplinarity and multilingualism

Renew relationship between science and society
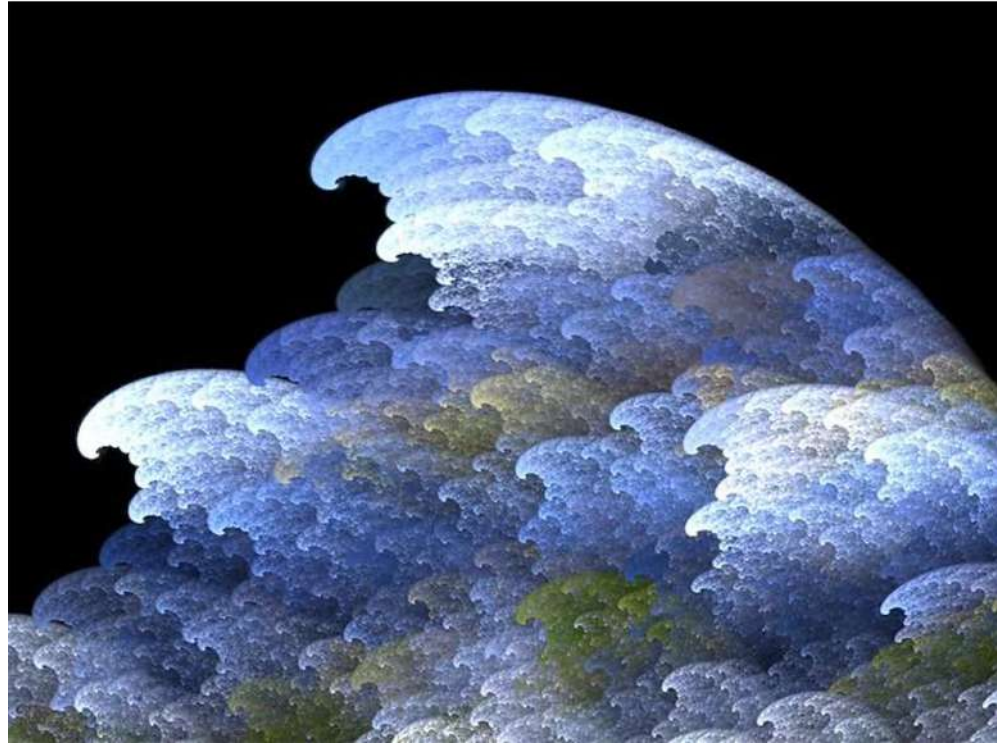
OPERAS proposition: a federated open scholarly communication catalog of services for the SSH researchers in Europe

5 services

1. **Common Access Point**
2. **Discovery**
3. **Certification**
4. **Metrics**
5. **Research for society**

Integrating scholarly communication in the research workflow

500 000

Researchers impacted in Europe

Discovery Platform
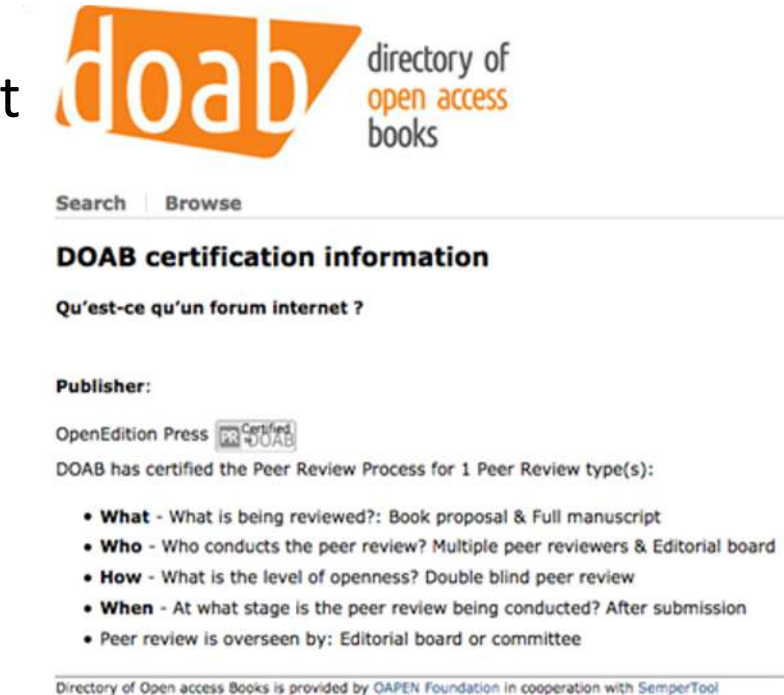
A European discovery platform for SSH resources

- Increasing the access, reuse of SSH data, profiles and projects by providing a co-designed adaptive solution to connect together researchers, resources and society
- Based on Isidore service developed by Huma-Num (CNRS)
- Developed in project H2020 TRIPLE (2019-2023)

Certification

A certification service for peer review procedures and open licenses, at the level of publishers, books, and book chapters

- Development within HIRMEOS project
- Pilot implementation for

  HIRMEOS platforms

doab directory of open access books

Search | Browse

DOAB certification information

Qu'est-ce qu'un forum internet ?

Publisher:

OpenEdition Press [PR Certified DOAB]

DOAB has certified the Peer Review Process for 1 Peer Review type(s):

- **What** - What is being reviewed?: Book proposal & Full manuscript
- **Who** - Who conducts the peer review? Multiple peer reviewers & Editorial board
- **How** - What is the level of openness? Double blind peer review
- **When** - At what stage is the peer review being conducted? After submission
- Peer review is overseen by: Editorial board or committee

Directory of Open access Books is provided by OAPEN Foundation in cooperation with SemperTool

Metrics

Giving a better representation of usage on books by delivering three complementary types of measures (downloads, citations and alternative metrics)

- An Altmetrics Service capable of extracting references to DOIs made via Twitter, Hypothes.is and Wikipedia
- A Citations Service capable of querying CrossRef's Cited-by service, and store the relevant citations to DOIs;
- An OA Metrics Service capable of collecting readership and downloads statistics from Google Analytics, Google Books, World Reader, OAPEN, the Classics Library, Wikimedia, Unglue.it, OpenEdition, and Web Server Logs
- A widget that displays the metrics collected and provides a consistent and reliable visual reference for metrics

Research for Society service

An integrated and innovative framework to host, support and develop Citizen Science practices in the SSH

- Providing collaborative tools through a specific virtual ecosystem
- Targeting the funding streams needed to dramatically expand Citizen Science in the SSH
- Providing support and training to achieve public engagement in the SSH by mutual learning
- Producing knowledge on Citizen Science co-creation practices in the SSH
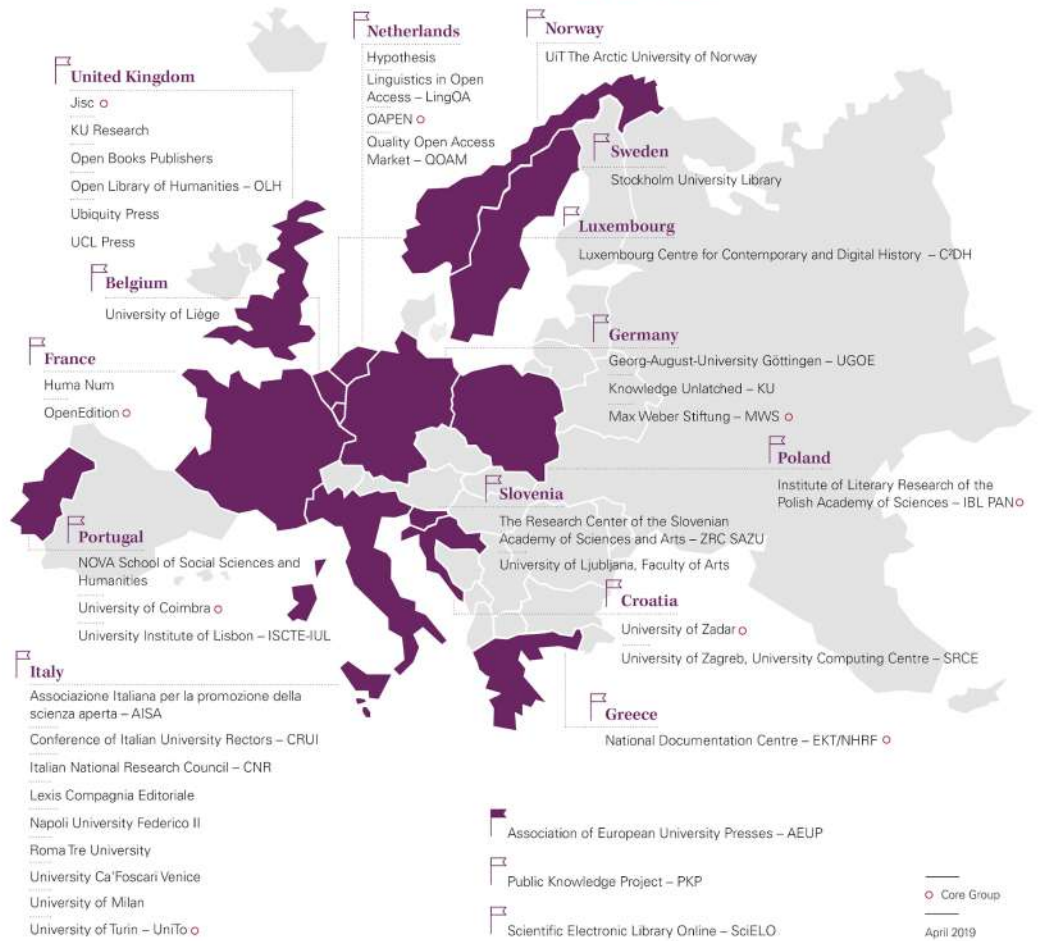
III OPERAS community

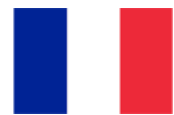# OPERAS benefits to the whole ecosystem

OPERAS Partners

OPERAS gathers 40 organizations from 16 countries and is led by a 9 member core group.
OPERAS is coordinated from France by OpenEdition and Huma-Num.

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

Norway
UiT The Arctic University of Norway

United Kingdom
Jisc o
KU Research
Open Books Publishers
Open Library of Humanities – OLH
Ubiquity Press
UCL Press

Sweden
Stockholm University Library

Luxembourg
Luxembourg Centre for Contemporary and Digital History – C²DH

Belgium
University of Liège

France
Huma Num
OpenEdition o

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

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

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

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

Croatia
University of Zadar o
University of Zagreb, University Computing Centre – SRCE

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

Greece
National Documentation Centre – EKT/NHRF o

Association of European University Presses – AEUP

Public Knowledge Project – PKP

Scientific Electronic Library Online – SciELO

o Core Group

April 2019

Core Group

|	
	OpenEdition - Huma-Num
	Max Weber Stiftung
	Torino University
	Zadar University
	Coimbra University
	Oapen Stichting
	IBL-PAN
	JISC
	EKT

OPERAS future entity and its stakeholders

- **The Community** committing to **participate** in OPERAS activities engaged as "**ordinary members**" in the **Assembly of the Commons**
- **Organizations** committing to **manage** the development of OPERAS engaged as **"Core members"** in the **Executive Assembly**
- **European and International infrastructures** committing to **support** the development of OPERAS engaged as "**Supporting members**" in the **General Assembly**
- **Countries** committing to fund OPERAS operation in the future engaged in the **General Assembly**.

OPERAS governance
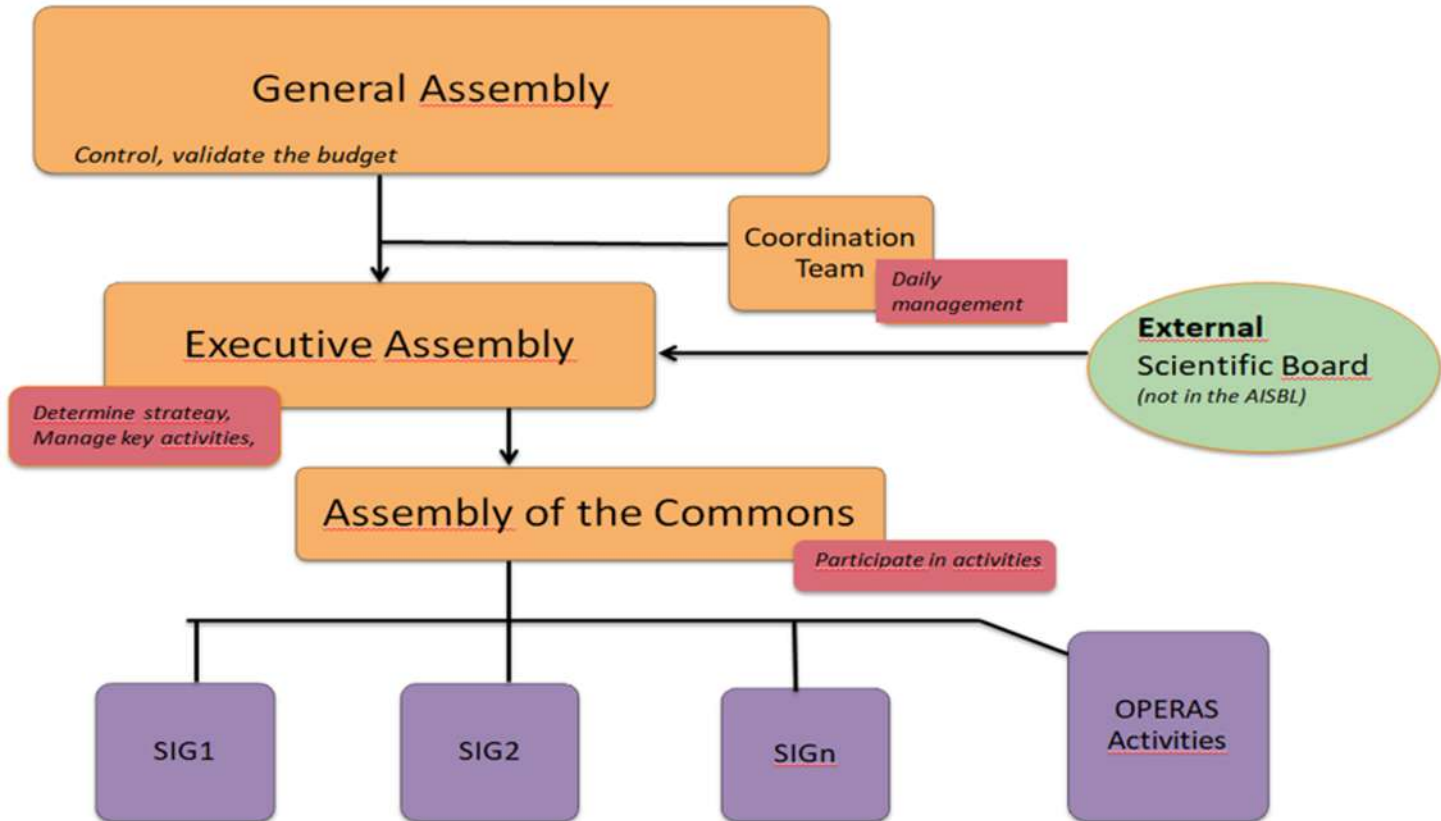
Working groups

Open Access Business Model
Platforms and Services
Tools, Research and development
Advocacy
Best Practices
Common
Standards
Multilingualism

Each group is coordinated by an OPERAS core member
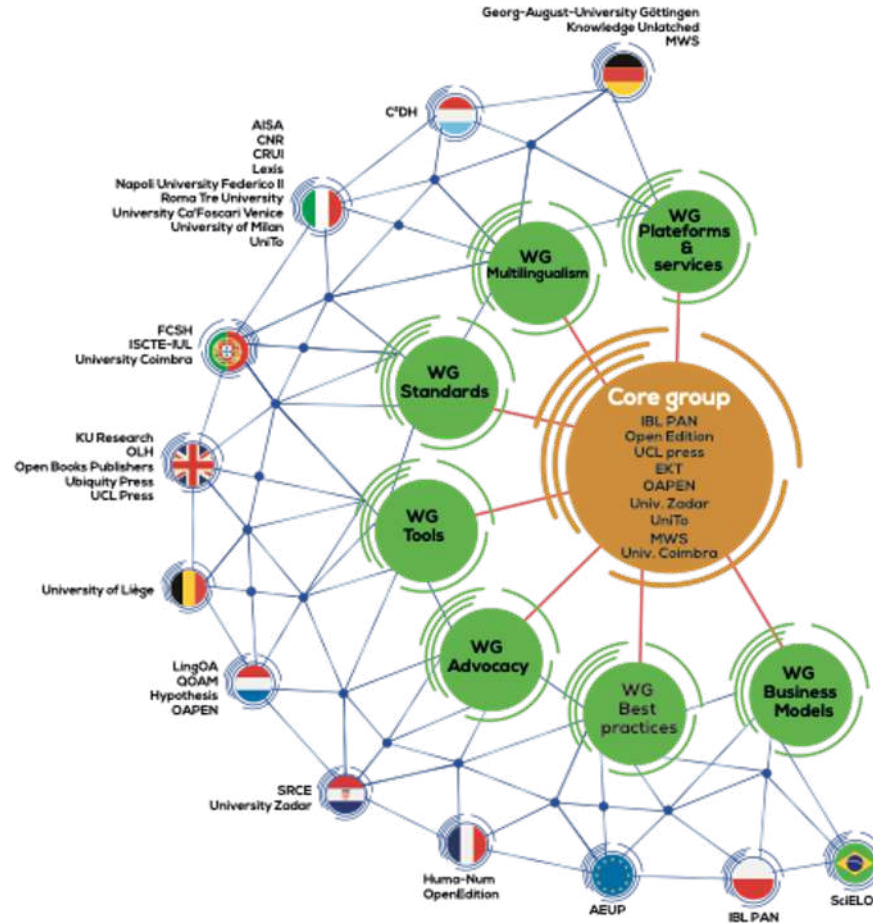
Challenges of scholarly communication: On the way to the new **UC Digitalis** ecosystem

UNIVERSIDADE Ð
COIMBRA

1 2 9 0

Delfim Leão
with the collaboration of Carlos Costa
University of Coimbra

Strategic Planning

the new
UC Digitalis ecosystem   **Strategic Planning**
(University of Coimbra)

Existence of resources that do not communicate with each other and do not allow an aggregate search.

Resources dispersed across multiple systems.

the new
UC Digitalis ecosystem
(University of Coimbra)

Context

EG
Estudo Geral

AM
Almanzor

AM
Almanzor

PB
POMBALINA

IM
IMPACTUM

BOT
Botânica

CD25
Gestão de 25XL 25 de abril

MC
MUSEU da Ciência

ARQ
Arquivo UC

UC Digitalis > today
connected publications

OJS
Editorial / production process

lack automatic migration process

Aggregated search
Old Documents
Books
and articles

AM — Old Document Repository

PB — Book Repository

IM — Journals Repository

the new
UC Digitalis ecosystem
(University of Coimbra)

Context

UC Digitalis > tomorrow
connected publications

OMP
Editorial / production process

OJS
Editorial / production process

automatic migration process

automatic migration process

Aggregated search
Old Documents
Books
Articles
Scientific Production

AM — Old Document Repository

PB — Book Repository

IM — Journals Repository

EG — Institutional Repository

Disambiguation / Submisson to researcher/project profile validation
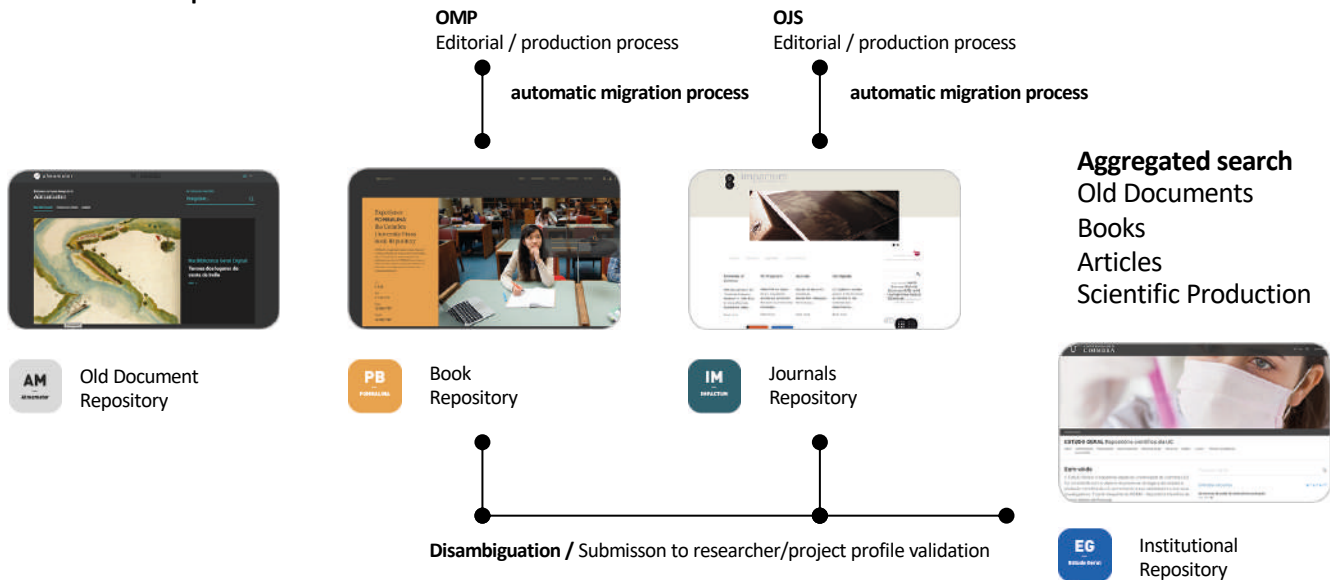
the new
UC Digitalis ecosystem
(University of Coimbra)

Context

Aggregate all resources, and make them globally searchable in one point.

Return resources to the University Infrastructure, promoting the use of Open Source Software.

Make all resources FAIR.

**the new
UC Digitalis** ecosystem   **Motivation**
(University of Coimbra)
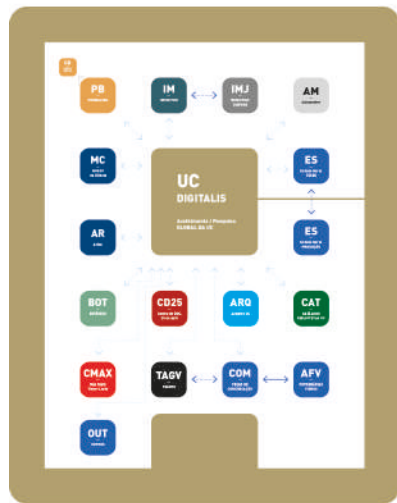
the new
UC Digitalis ecosystem   **Motivation**
(University of Coimbra)

the new
UC Digitalis ecosystem

connect publications
with other types
of **research outputs**

Journals

Editorial / production process

managed by OJS
integrated in UC Digitalis [Dspace]

Archive / Search / Disambiguation
In Global **Institutional Repository** via **Impactum**

the new
UC Digitalis ecosystem
(University of Coimbra)

connect publications with other types of research outputs > Journals

Books

Editorial / production process

managed by OMP (under test)
integrated in UC Digitalis [Dspace]

Archive / Search / Disambiguation
In Global **Institutional Repository** via **Pombalina**

the new
UC Digitalis ecosystem
(University of Coimbra)

connect publications with other types of **research outputs** **> Books**

Journals / Books

Editorial / production process

both **Disambiguate > ORCID / DOI**
Submit Publications to researcher/project profile validation
in Digital Repository for the Scientific Production

Best management of editorial process
Controlled process of production
Record of originals to further publishing

the new
UC Digitalis ecosystem
(University of Coimbra)

connect publications with other types of research outputs **> Journals / Books**