OpenAIRE

OPEN ACCESS WEEK 2020 +

OpenAIRE Open Access Week Webinars

Public release of the OpenAIRE-DARIAH Community gateway

How to make your research more visible and more connected

With:

- **Miriam Baglioni** (ISTI-CNR, OpenAIRE)
- **Erzsébet Tóth-Czifra** (DARIAH)

October 20th, 15.00 CEST

CC BY

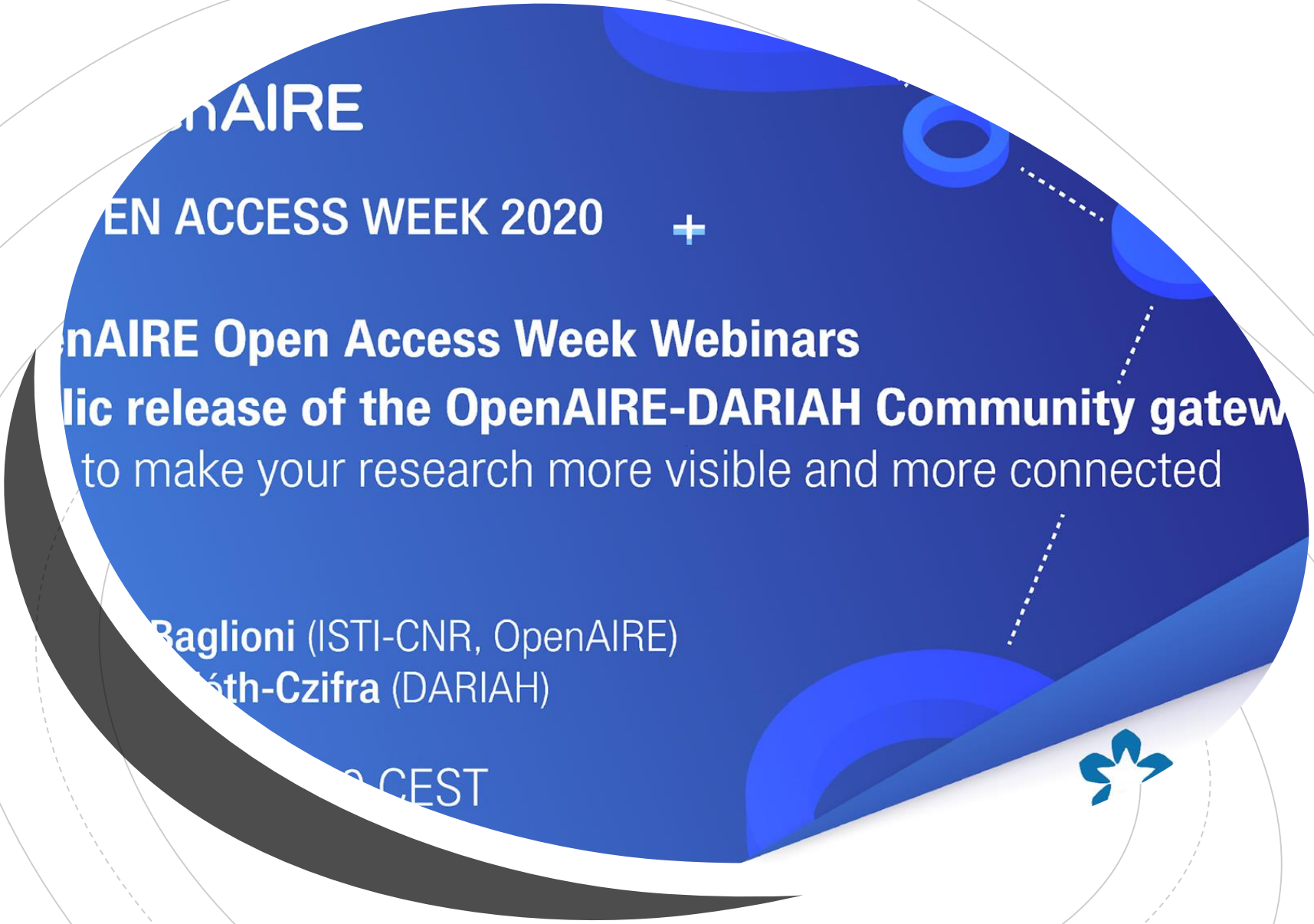
DARIAH-EU

Running order

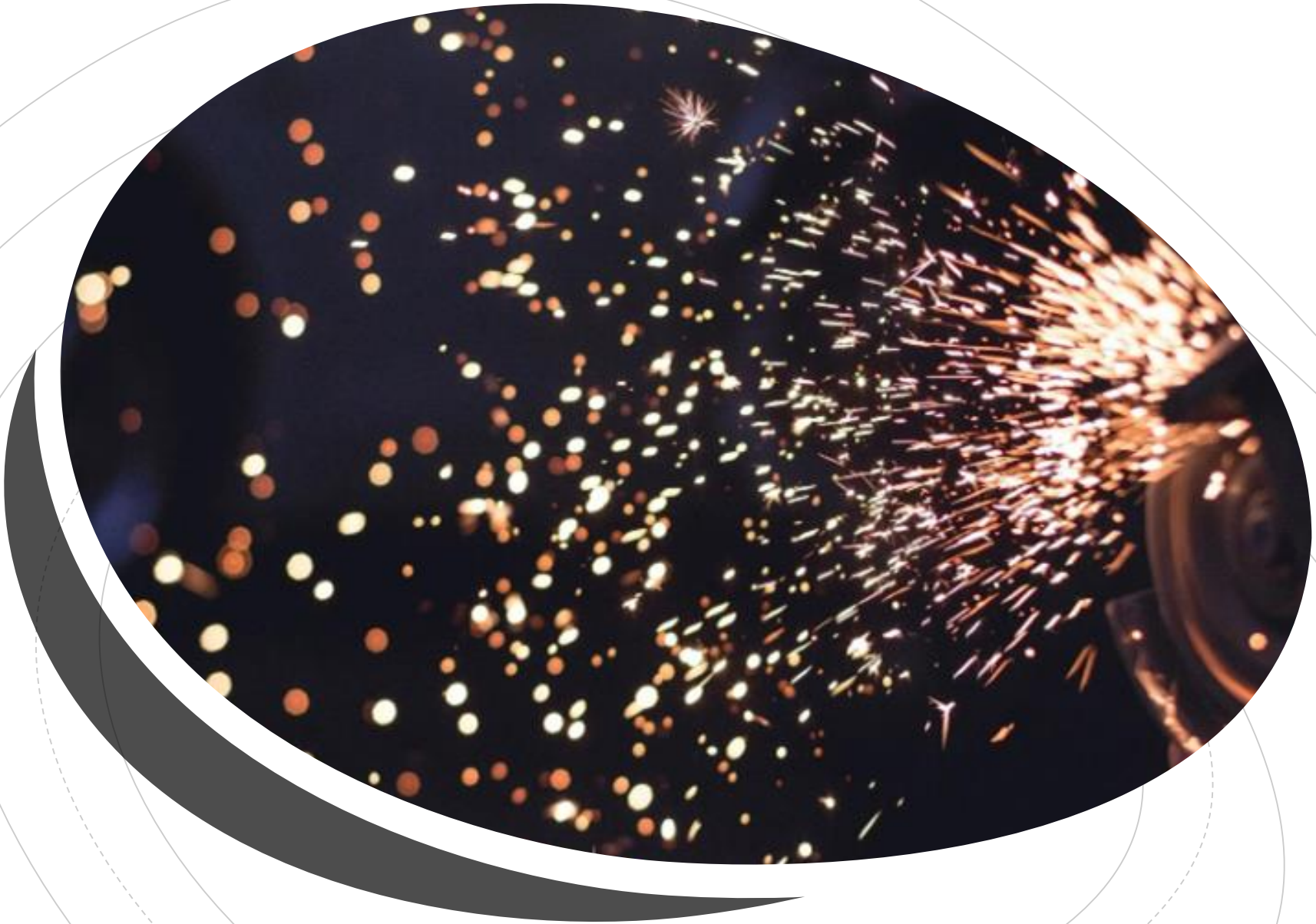
- What kinds of challenges the OpenAIRE-DARIAH Research Community Dashboard is aiming to mitigate?
- Introduction to OpenAIRE and what is the OpenAIRE Research Graph
- Introduction of the OpenAIRE-DARIAH Research Community Dashboard
- Hand-on (test drive)
- Q & A

Housekeeping

- Note that this event will be recorded, presentations may be published with authors' permission
- You're welcome to tweet about this event – use @DARIAH; @OpenAIRE_eu ; #oaweek2020
- Please don't take or publish any screenshots of the participants without asking their permission
- Keep your mic muted during the presentation, raise your hand if you wish to talk
- You're invited to write your questions in the chat, they will be answered after the presentation



Problems to solve



How to align units of scholarly communication with our increasingly diverse and digital scholarly workflows?

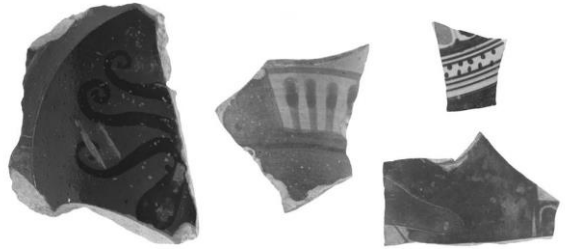
In other words: which are your scholarly activities or content types that remain invisible from your publication records?

In other words: which are your scholarly activities or content types that remain invisible from your publication records?

Go to: www.mentimeter.com and use the code: 65 33 81 1

Problem 1: Fragmentation of publication landscape in the Arts and Humanities

Outputs of a research project



Institutional or thematic repositories

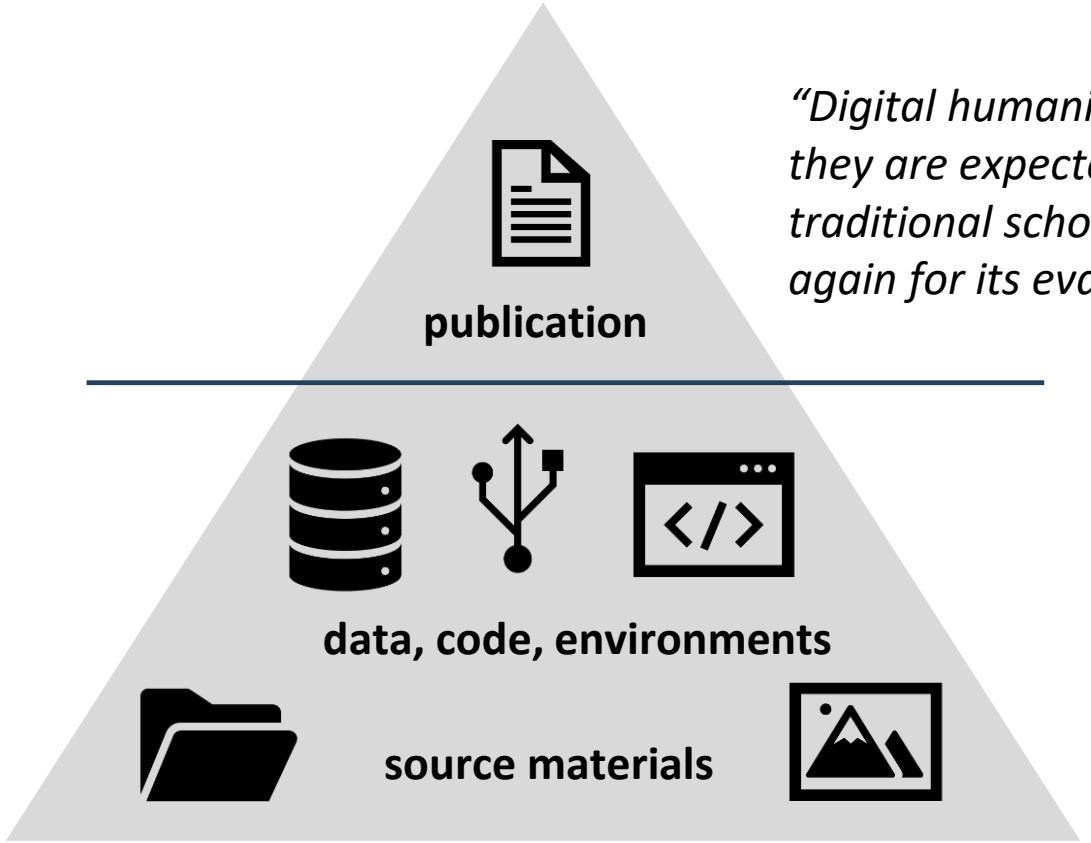
Project websites, blogs

Generic repositories (Zenodo , figshare)

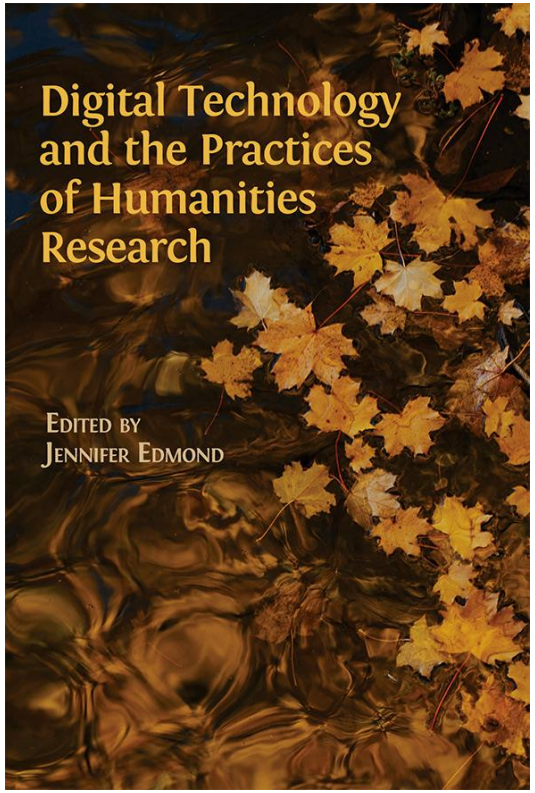
One’s hard drive

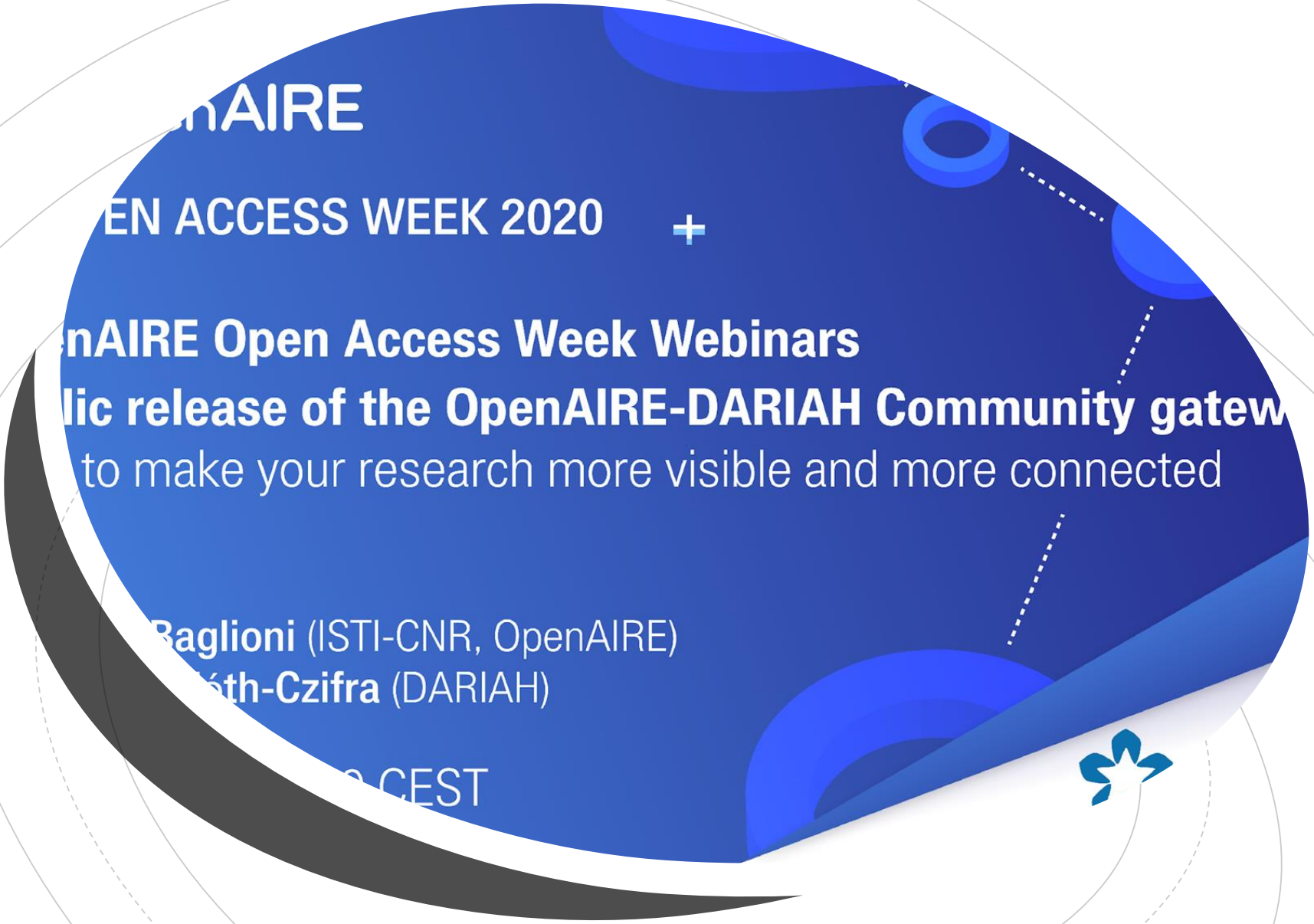
Research papers shares as preprints and/or published with academic publishers (a fragmented field in itself)

Problem 2: We need to develop information management systems that go beyond the traditional notion of publications



"Digital humanists find, time and time again, that they are expected to perform twice the labour of traditional scholars; once for the work itself and once again for its evaluation." (Eve 2020: 105)

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EN ACCESS WEEK 2020
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to make your research more visible and more connected
Baglioni (ISTI-CNR, OpenAIRE)
th-Czifra (DARIAH)
CEST

Solutions

DARIAH-EU : a European research infrastructure consortium for Arts and Humanities reserach

Digital Research Infrastructure for the Arts and Humanities

Mission: to empower arts and humanities research communities with digital methods to create, connect and share knowledge about culture and society.

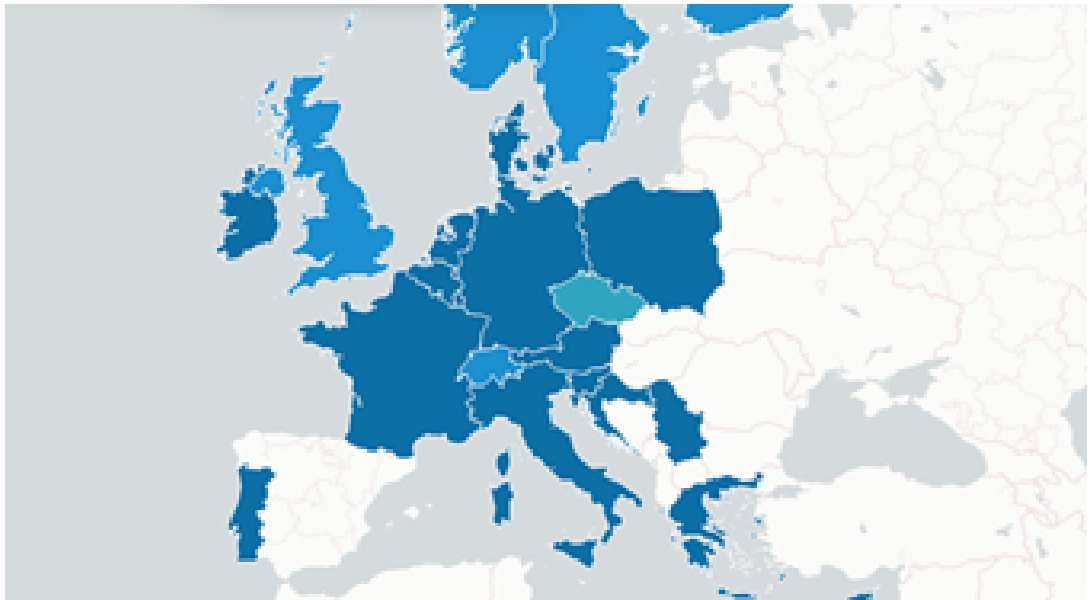
- 17 member countries

Austria, Belgium, Croatia, Cyprus, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, Malta, Netherlands, Poland, Portugal, Serbia, Slovenia

- and 11 cooperating partners

Bulgaria, Czech Republic, Finland, Hungary, Israel, Norway, Romania, Spain, Sweden, Switzerland, United Kingdom

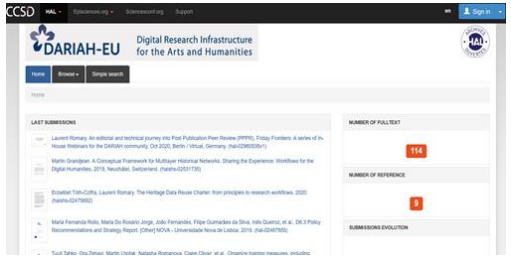
@DARIAHeu



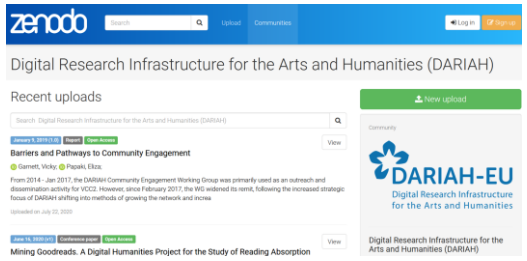
Taking back control over scholarly communication: the DARIAH Open Access policy

Infrastructure for self-archiving, self-publishing

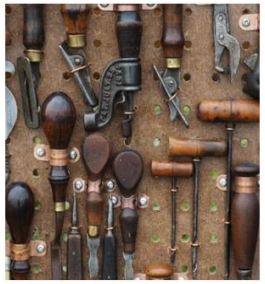
HAL archives-ouvertes.fr



zenodo



Know-how, practical guidance



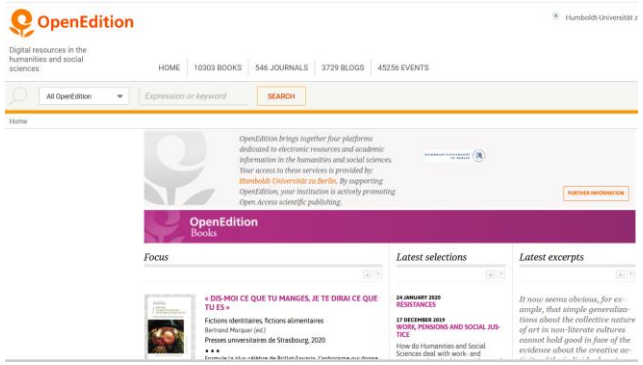
BILLETS 14/03/2019

Open Access Toolkit: DARIAH's practical recommendations to promote Open Access within the arts and humanities

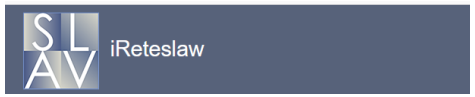
In this post we bring together recommendations, tools, platforms and other resources that you may find helpful when disseminating you research. All of them are available for everyone, regardless of geographical or disciplinary background, and can be directly and easily included in the publishing workflows of our communities.

DARIAH-EU HELPDESK

Connecting our communities with fair Open Access players



Data repositories affiliated with DARIAH



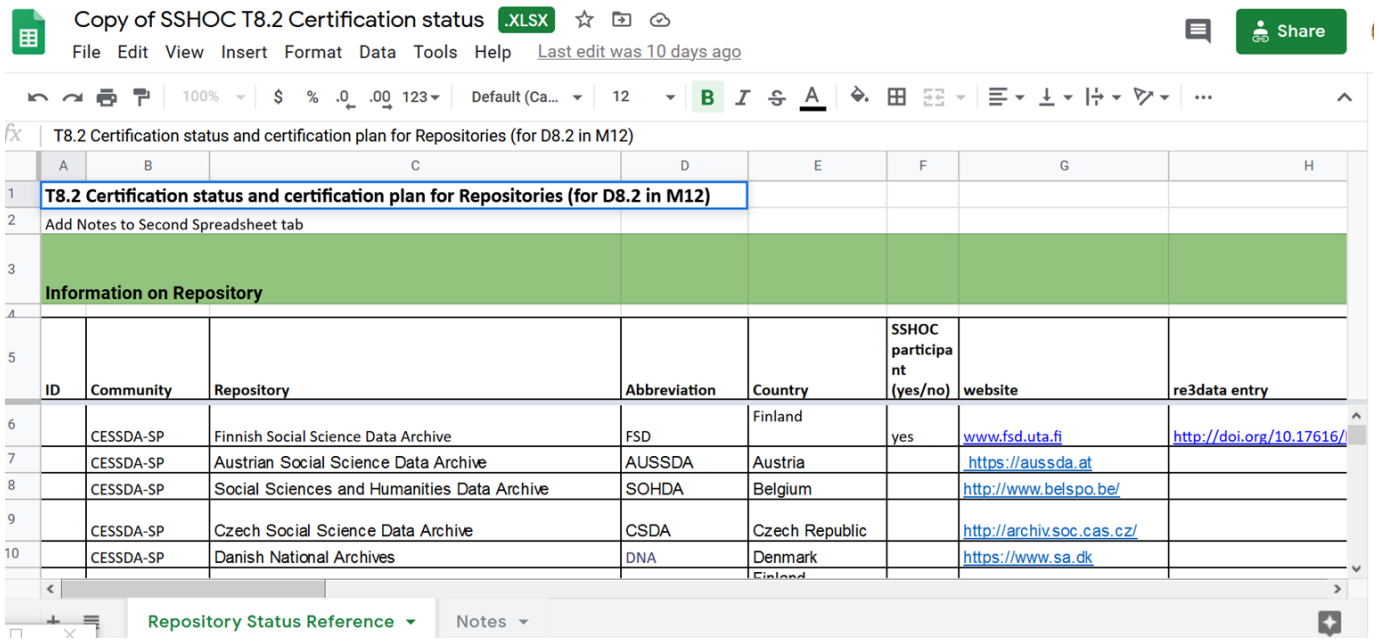
DARIAH's service portfolio **reflects the heterogeneity of research contexts** in Arts and Humanities highly distributed by character.

DARIAH-affiliated repositories **differ in the context of the content, technical formats as well as standards and protocols** used to make the data accessible.

The heterogeneity makes it very challenging to apply or enforce common standards and approaches for data delivery, accessibility and reuse.

Kleemola, Mari, Alaterä, Tuomas J., Koski, Niko, Ala-Lahti, Henri, Jerlehag, Birger, L'Hours, Hervé, … Van Horik, René. (2020). SSHOC D8.2 Certification plan for SSHOC repositories (Version v1.0). Zenodo.

...learn more at:



Copy of SSHOC T8.2 Certification status .XLSX

File Edit View Insert Format Data Tools Help Last edit was 10 days ago

Share

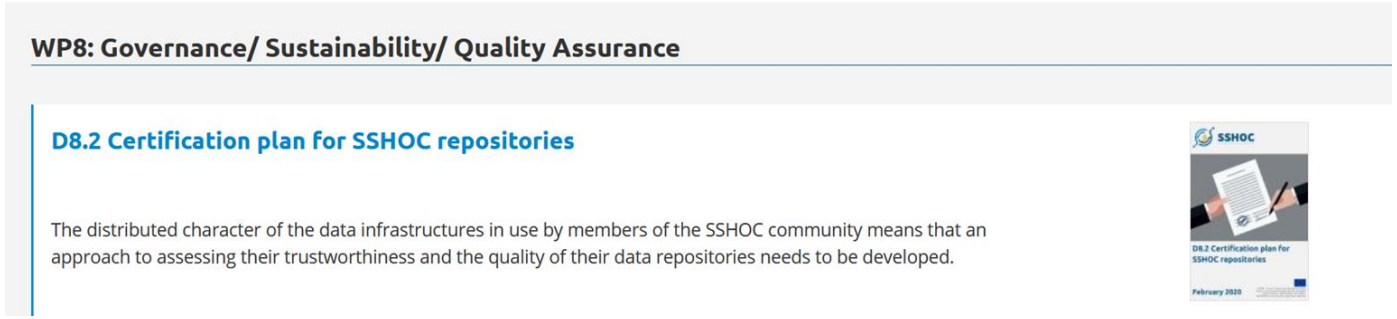
T8.2 Certification status and certification plan for Repositories (for D8.2 in M12)

	A	B	C	D	E	F	G	H
1	T8.2 Certification status and certification plan for Repositories (for D8.2 in M12)							
2	Add Notes to Second Spreadsheet tab							
3	Information on Repository							
5	ID	Community	Repository	Abbreviation	Country	SSHOC participant (yes/no)	website	re3data entry
6		CESSDA-SP	Finnish Social Science Data Archive	FSD	Finland	yes	www.fsd.uta.fi	http://doi.org/10.17616/
7		CESSDA-SP	Austrian Social Science Data Archive	AUSSDA	Austria		https://aussda.at	
8		CESSDA-SP	Social Sciences and Humanities Data Archive	SOHDA	Belgium		http://www.belspo.be/	
9		CESSDA-SP	Czech Social Science Data Archive	CSDA	Czech Republic		http://archiv.soc.cas.cz/	
10		CESSDA-SP	Danish National Archives	DNA	Denmark		https://www.sa.dk	

Repository Status Reference | Notes

SSHOC
social sciences & humanities open cloud

https://rb.gy/tqngg9

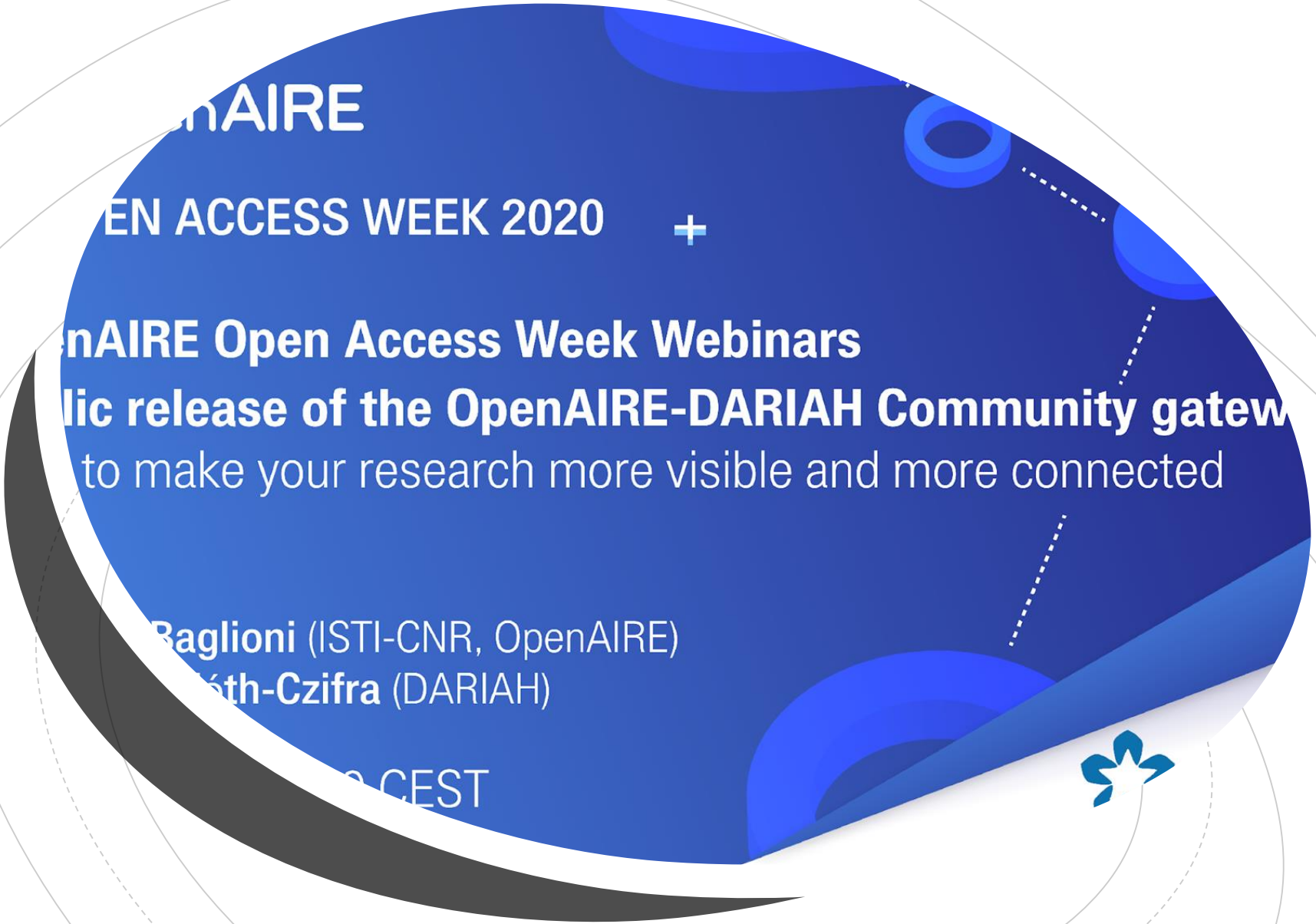


WP8: Governance/ Sustainability/ Quality Assurance

D8.2 Certification plan for SSHOC repositories

The distributed character of the data infrastructures in use by members of the SSHOC community means that an approach to assessing their trustworthiness and the quality of their data repositories needs to be developed.

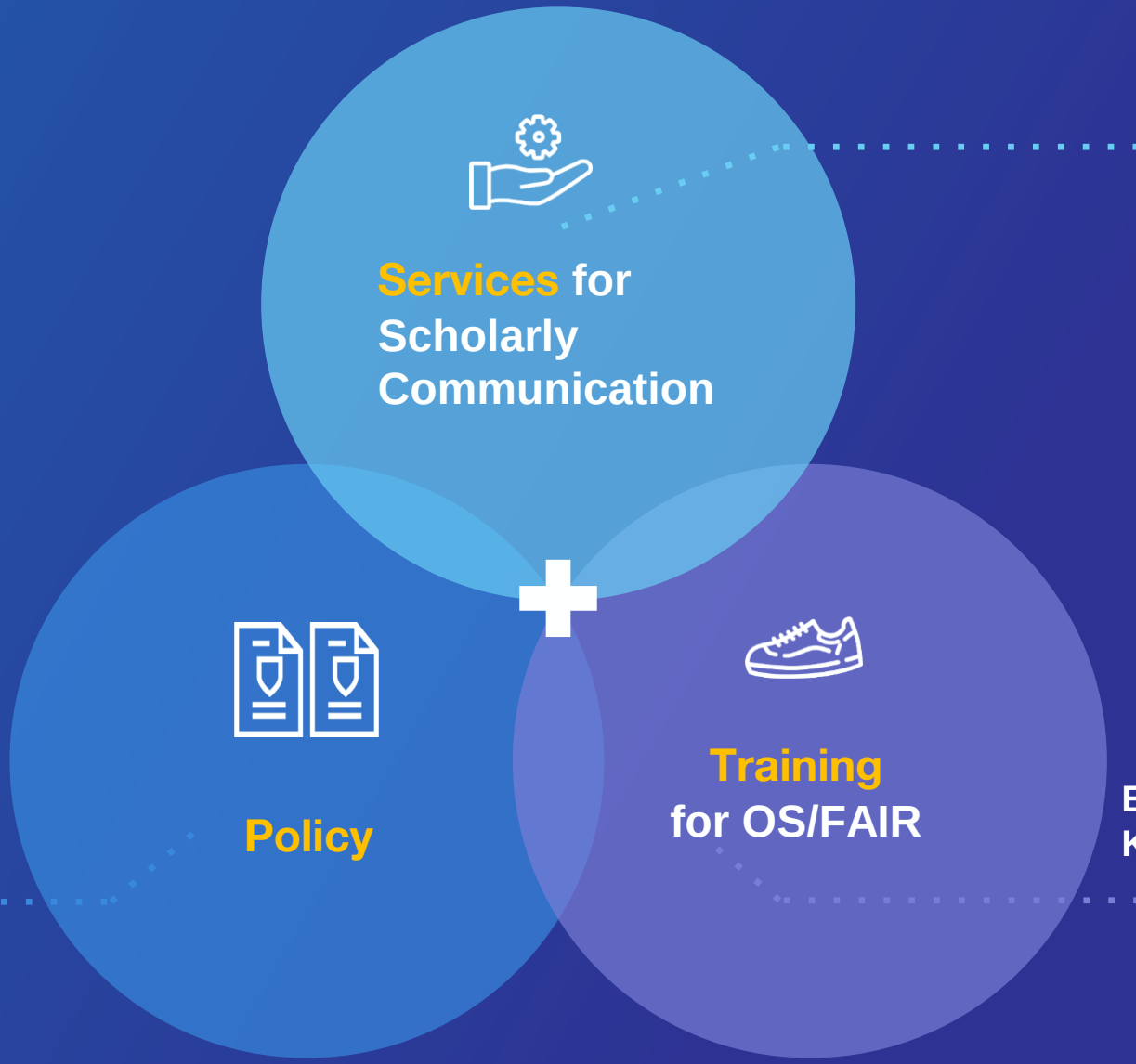
https://rb.gy/uvweah



OpenAIRE research gateway for DARIAH

2007
OA pilot for publications
Started
2013
OA to all publications
OA data pilot
2017
OA data by default
2018
Zooming on Open Science
Legal Entity
EUROPEAN OPEN SCIENCE CLOUD
2021
Open Science the modus operandi
Horizon Europe

3 Pillars of Action



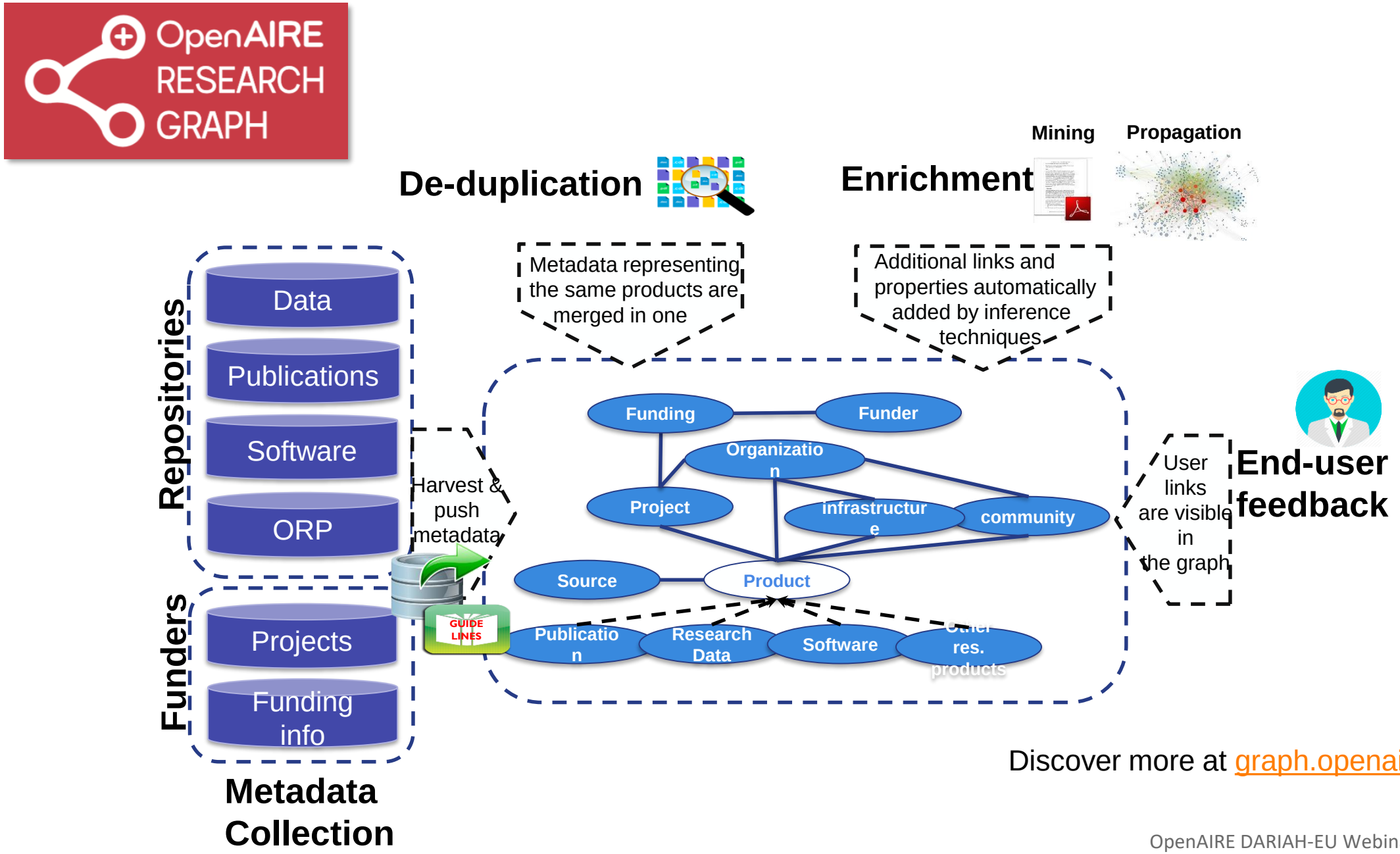
Connecting via a Distributed Infrastructure

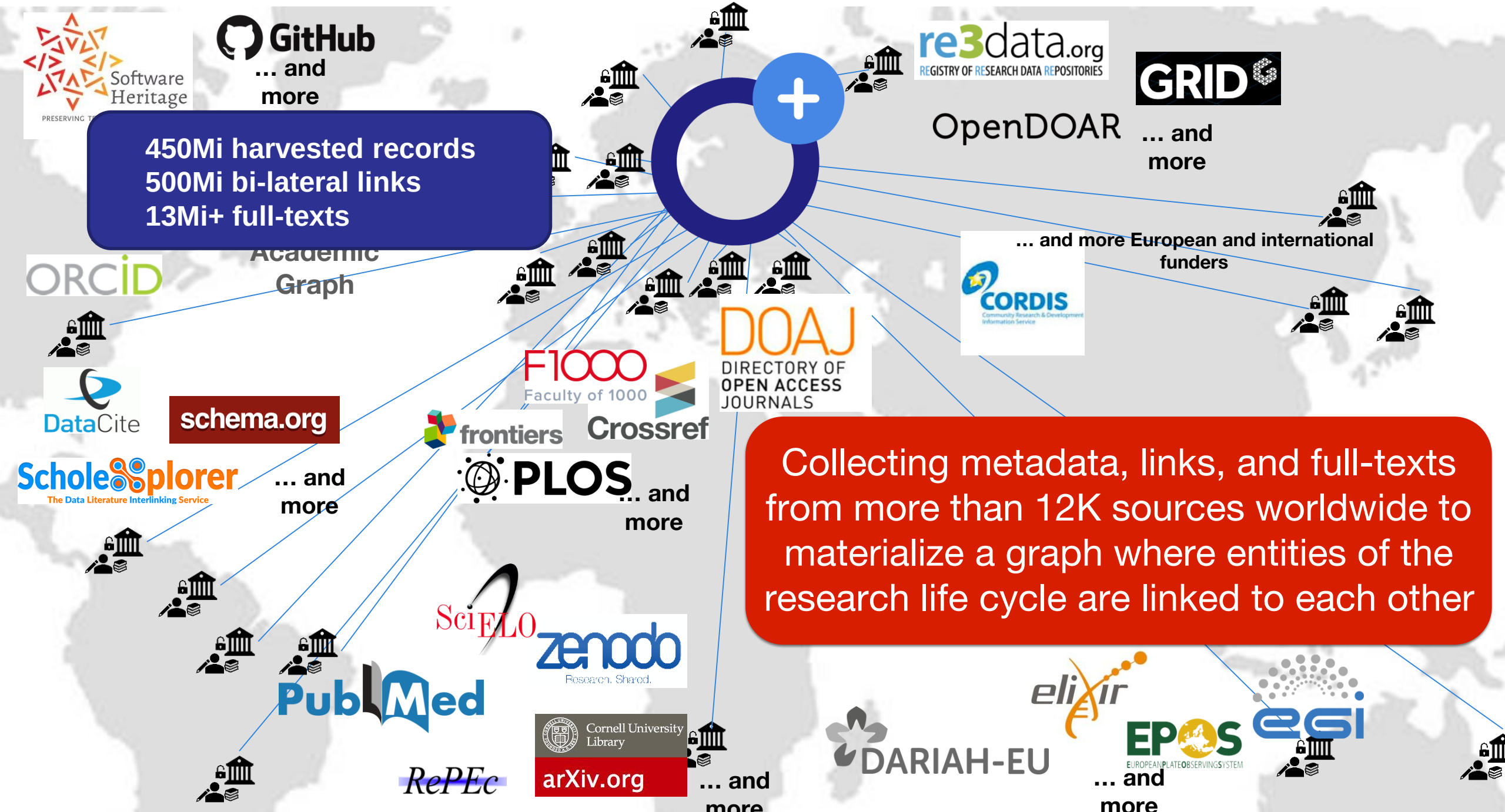
Aligning Supporting Governance

Empowering and Knowledge Building

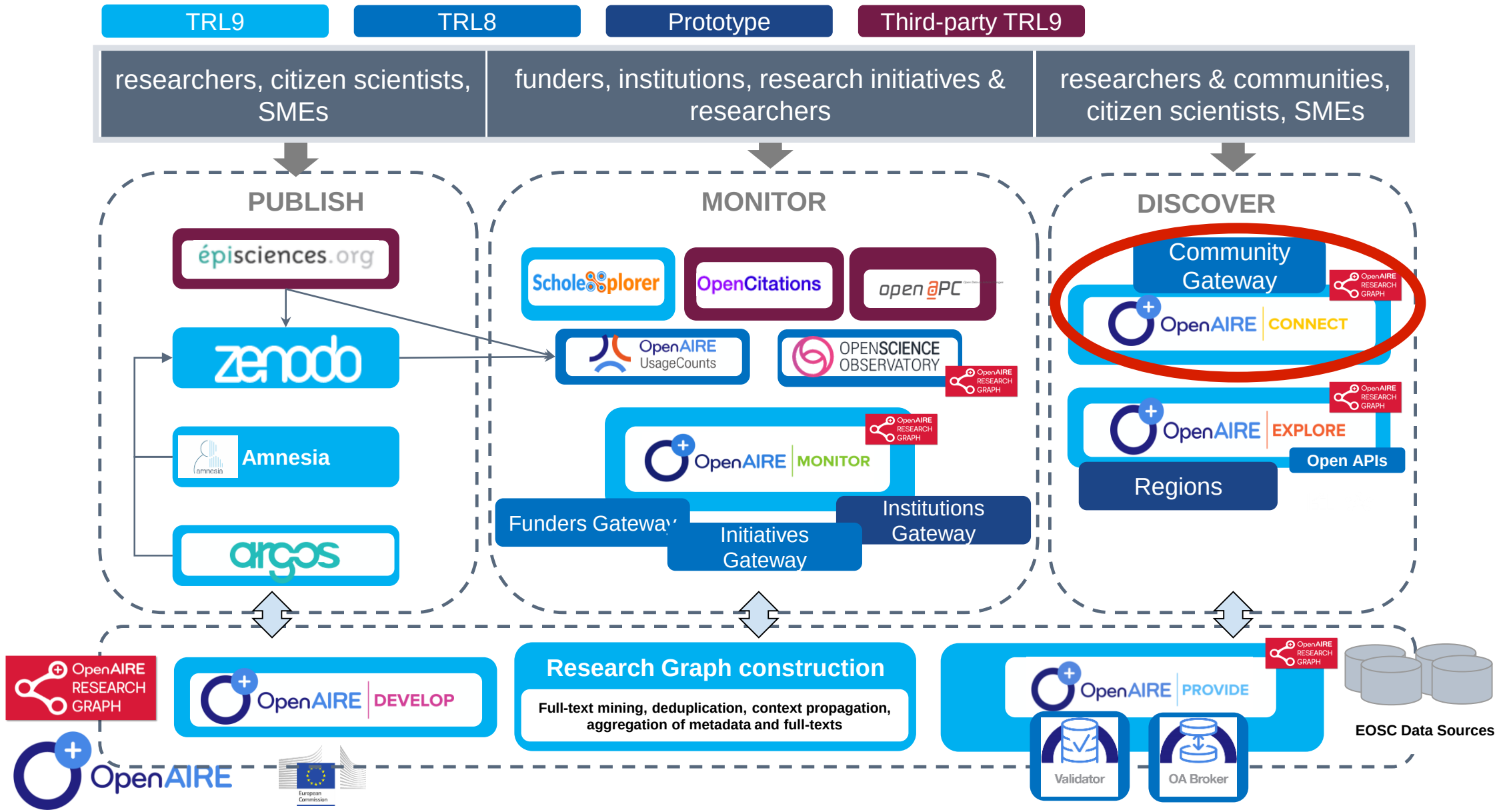
OpenAIRE

Services for all stakeholders


OpenAIRE RESEARCH GRAPH
De-duplication
Enrichment
Mining
Propagation
Metadata representing the same products are merged in one
Additional links and properties automatically added by inference techniques
Repositories
Data
Publications
Software
ORP
Harvest & push metadata
GUIDE LINES
Funders
Projects
Funding info
Metadata Collection
Funding
Funder
Organization
Project
infrastructure
community
Source
Product
Publication
Research Data
Software
res. products
User links are visible in the graph
End-user feedback
Discover more at graph.openaire.eu

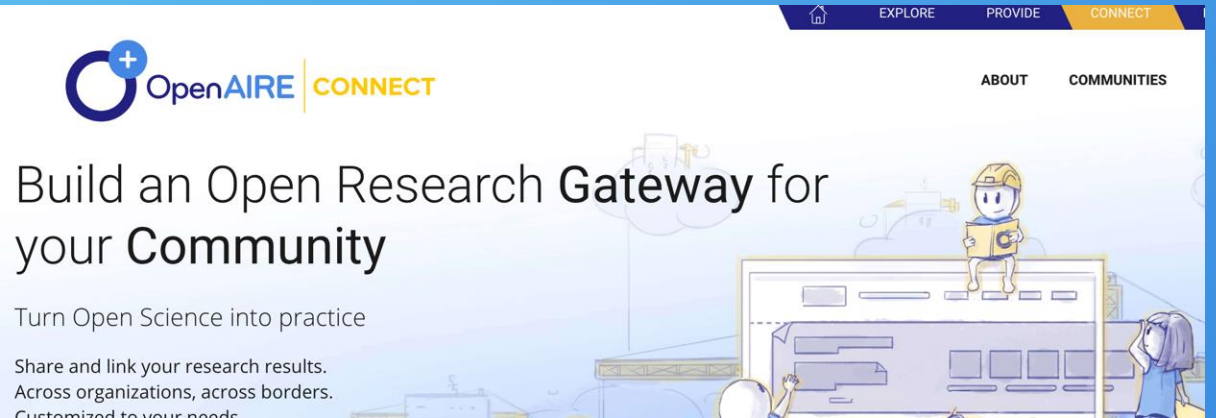

Software Heritage
GitHub
... and more
450Mi harvested records
500Mi bi-lateral links
13Mi+ full-texts
re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES
GRID
OpenDOAR
... and more
... and more European and international funders
CORDIS
ORCID
Academic Graph
DOAJ
DIRECTORY OF OPEN ACCESS JOURNALS
F1000
Faculty of 1000
Crossref
DataCite
schema.org
frontiers
PLOS
... and more
ScholeXplorer
The Data Literature Interlinking Service
... and more
Collecting metadata, links, and full-texts from more than 12K sources worldwide to materialize a graph where entities of the research life cycle are linked to each other
SciELO
zenodo
Research. Shared.
PubMed
Cornell University Library
arXiv.org
RePEc
... and more
elixir
DARIAH-EU
EPOS
EUROPEAN PLATE OBSERVING SYSTEM
egi
... and more

OpenAIRE Services



OpenAIRE | CONNECT

OpenAIRE Research Community Dashboard: Enabling Open Science publishing for research communities, initiatives and infrastructures



Motivations

Literature & Data Deluge

As a user of a research infrastructure, where can I find the results of the research activities of my peers? Where can I tell that my research results were obtained thanks to the services of my research infrastructure?

Open Science publishing tools

As a researcher, how can I publish my research products according to Open Science principles?

Research impact

As a manager of a research initiative/infrastructure, how can I monitor the impact of my RI and provide numbers and proofs to my current and future funders?

MONITOR

Uptake of Open Science publishing practices

Research Impact
Report to funders

All the research outcome of ELIXIR-GR

EXPLORE

… and link them

DEVELOP

On demand publishing on services of Research Infrastructures

DEPOSIT ANYTHING

zenodo

A gateway to Open Science

A virtual environment to implement Open Science publishing practices

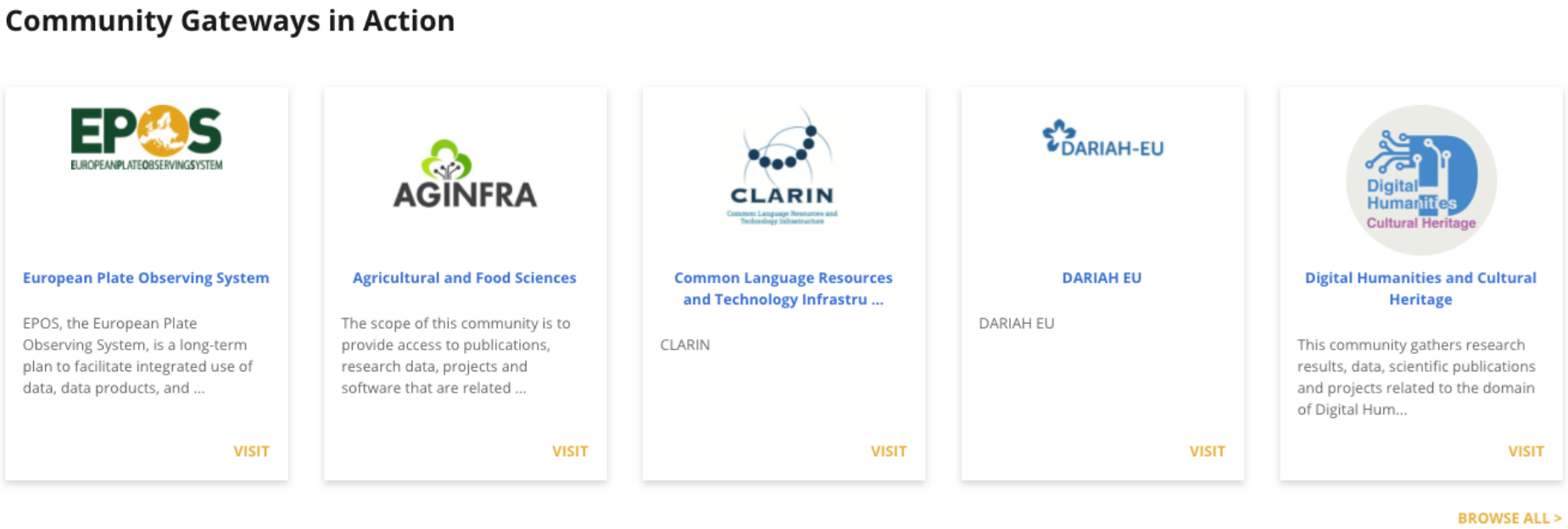
DARIAH-EU Open Research Gateway

A single entry point to DARIAH research products

How to identify the subset of products among those in the OpenAIRE Research Graph

- Gateway curators provide lists of:
  - Projects funding DARIAH and its national nodes
  - Thematic/Infrastructural data sources (e.g. thematic repositories, journals)
  - Zenodo communities
  - Instructions for the OpenAIRE mining team to implement a full-text mining algorithm
    - The full-text of Open Access publications is analysed and references to DARIAH products are searched for
- Researchers can manually add missing research products via the Link functionality
  - Also in bulk with a list of DOIs
- Another OpenAIRE process includes additional research products by propagation
  - If a DARIAH- result is supplemented by another research product, then the latter is also added among the DARIAH products (e.g. a DARIAH publication is supplemented by a dataset, then the dataset is a DARIAH dataset)

https://connect.openaire.eu



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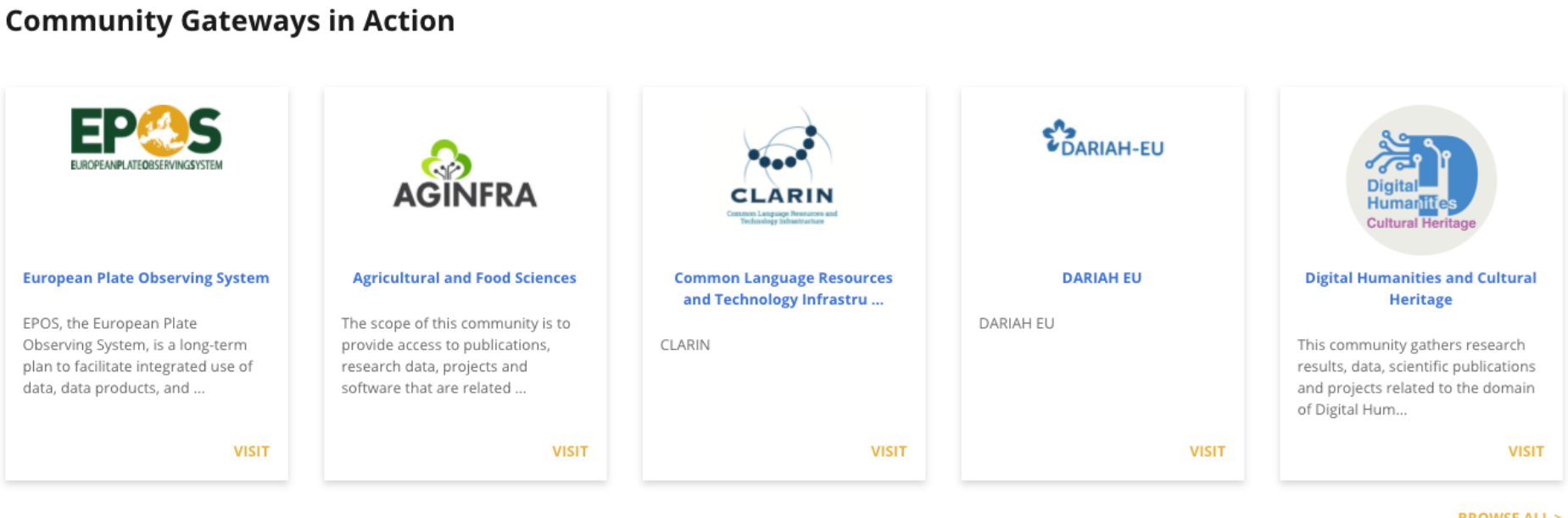
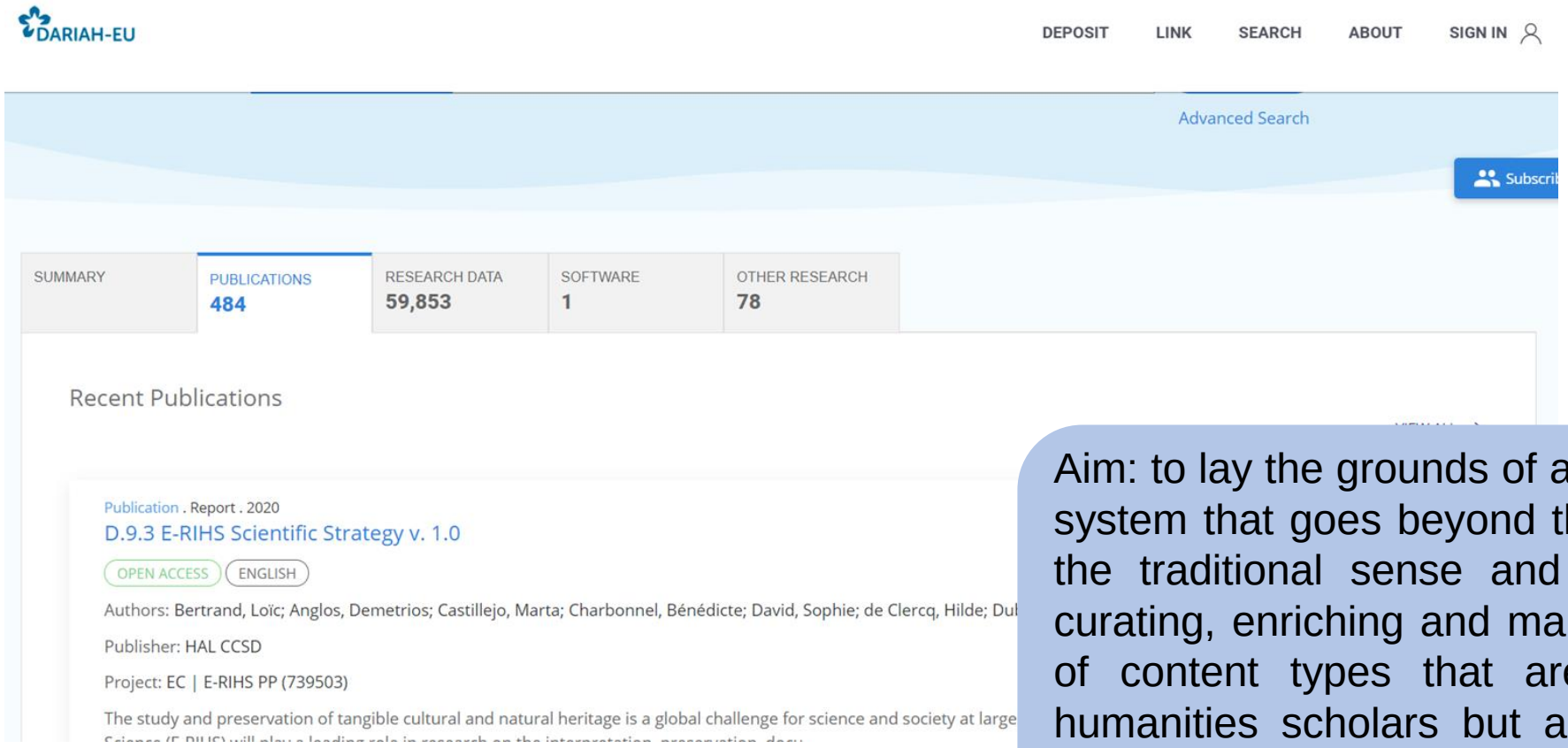


API: https://beta.services.openaire.eu/search/api/publications?community=dariah

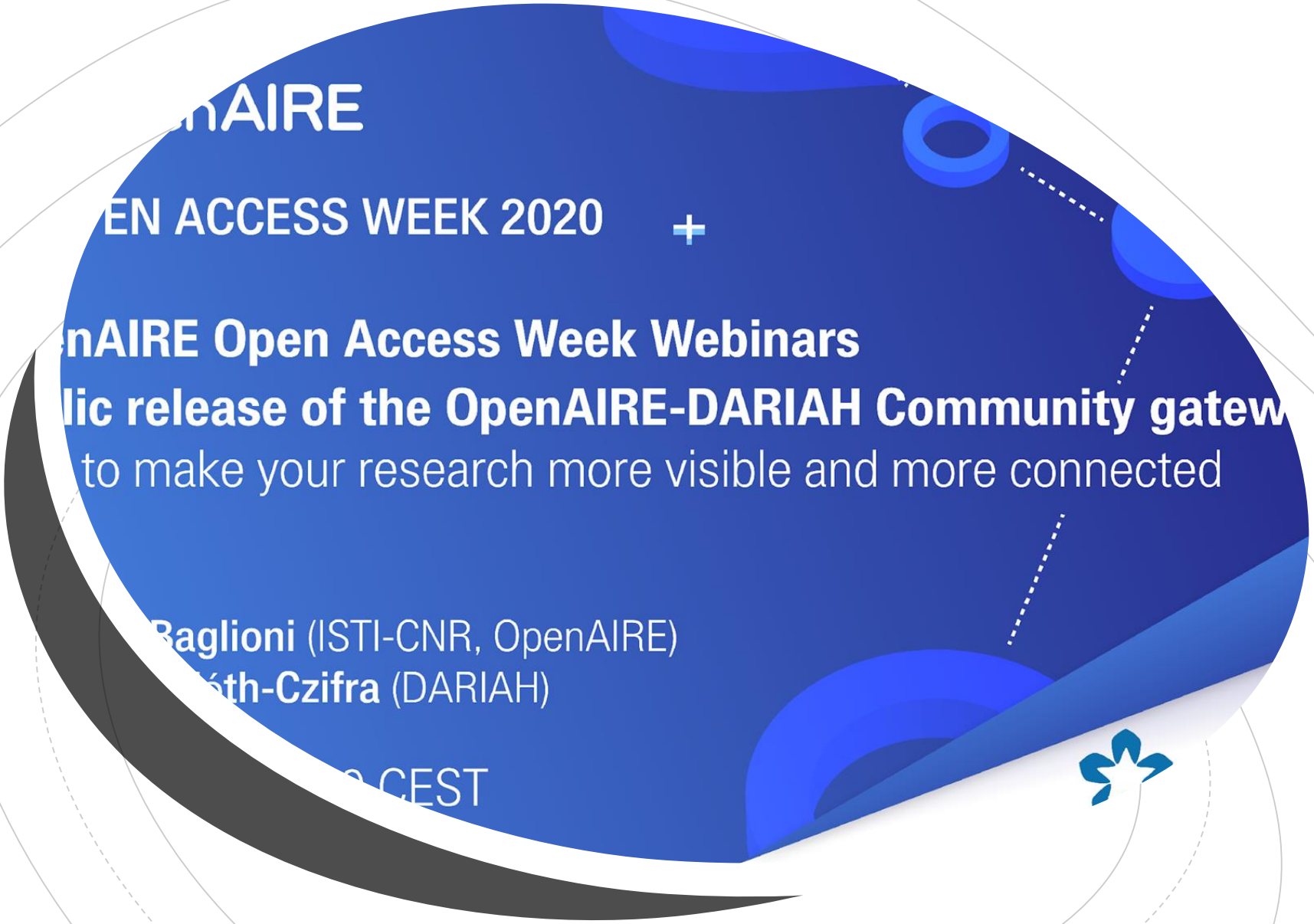
https://develop.openaire.eu/api.html

DUMP: https://zenodo.org/record/3974605#.X46z25MzaUo

The OpenAire-DARIAH Research Community Dashboard



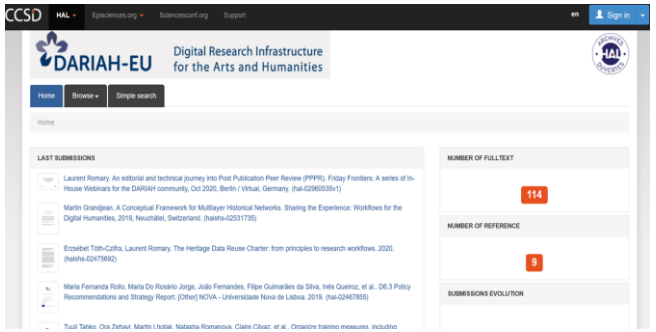
Aim: to lay the grounds of an information management system that goes beyond the scope of publications in the traditional sense and that enables connecting, curating, enriching and making discoverable a variety of content types that are important for arts and humanities scholars but are typically excluded from bibliometric databases.



Populating the dashboard

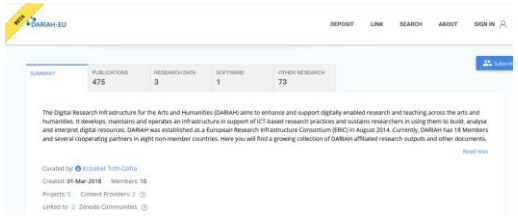
Step 1: Bringing the two DARIAH self-publishing collections under the shared roof of the DARIAH Research Community Dashboard

HAL archives-ouvertes.fr

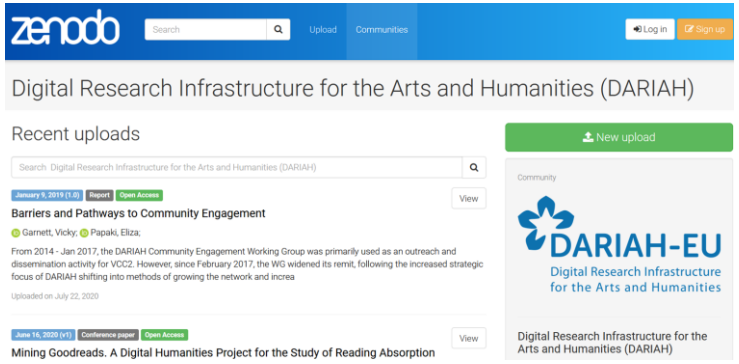


OpenAIRE RESEARCH GRAPH

OpenAIRE | CONNECT



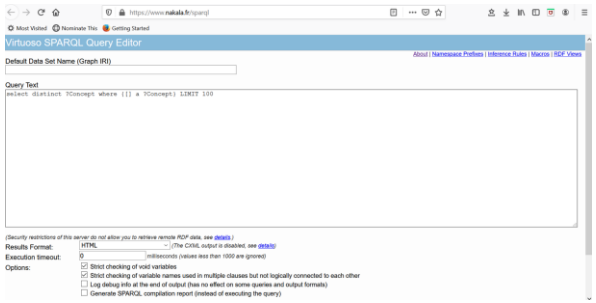
zenodo



Identification of relevant collections and text minig rules

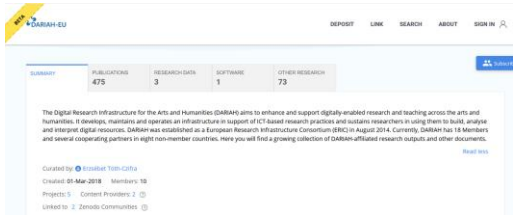
Step 2: Building interoperability frameworks to harvest DARIAH data services

nakala



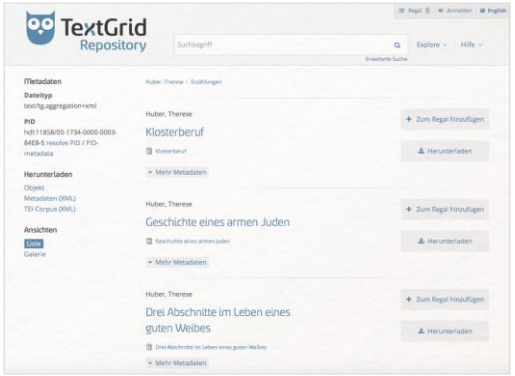
OpenAIRE RESEARCH GRAPH

OpenAIRE | CONNECT



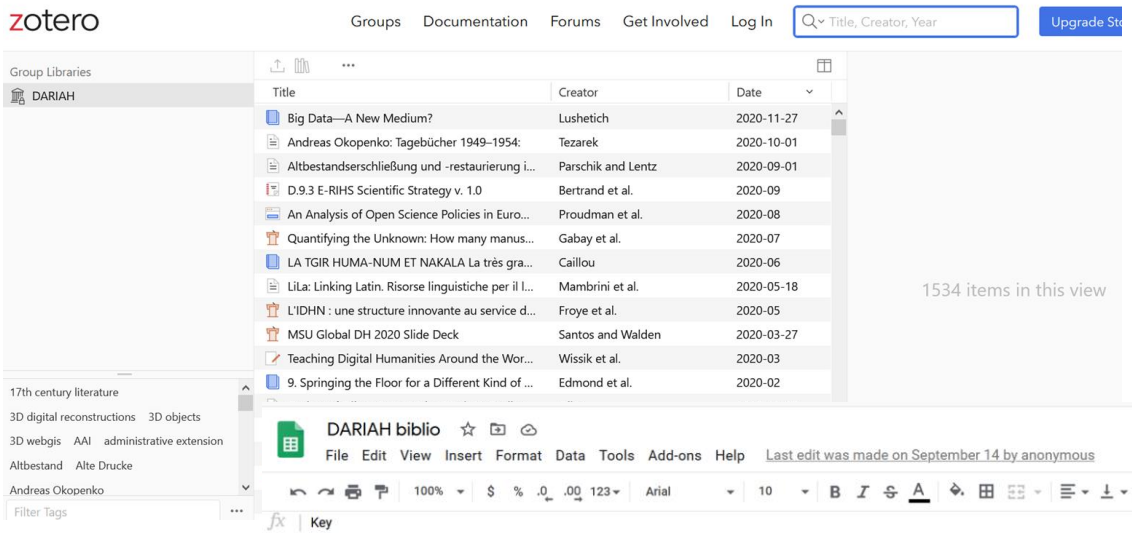
TextGrid
Virtuelle Forschungsumgebung
für die Geisteswissenschaften

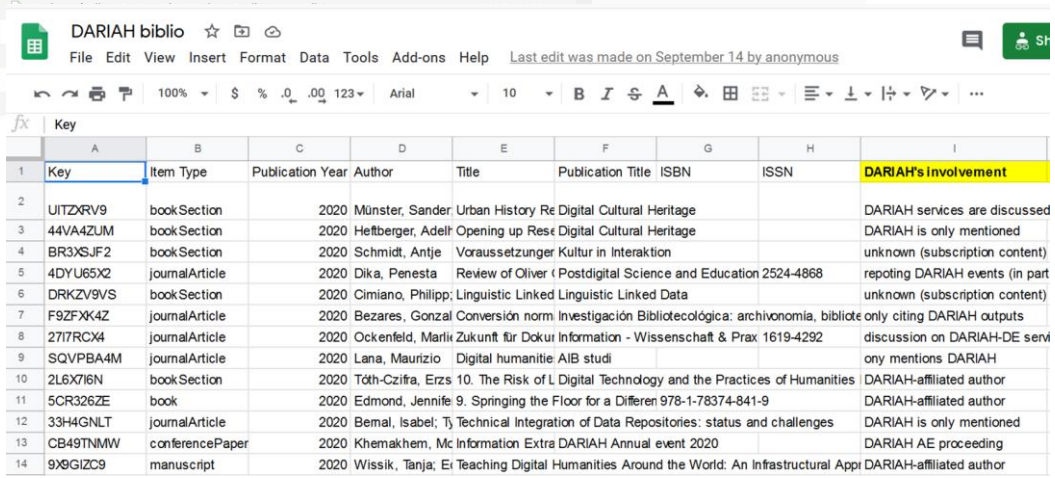
developing metadata crosswalks



Identification of relevant collections and text minig rules

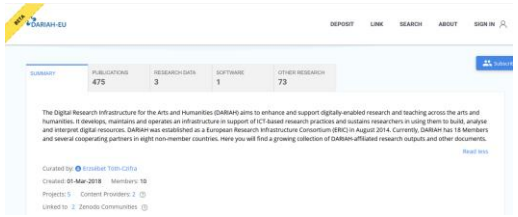
Step 3: Fetching in the DARIAH Zotero library





OpenAIRE RESEARCH GRAPH

OpenAIRE | CONNECT



Semi-automated workflow

Lessons learnt

- Achieving interoperability frameworks with central European discovery framework is key in showcasing the value of Humanities scholarship
- Building metadata crosswalks from local services to the OpenAIRE guidelines requires both insider knowledge about the service and on-scale perspective
- It is an iterative process, support from the OpenAIRE team was essential
- Interoperability is like translation, certain level of richness gets lost by using a common denominator, decisions needed to be made
- The success of the dashboard essentially depends on its use, population and community uptake

What's in there for you?

Researchers:

Discovery in context

Explore new relations between digital sholalry objects of different kinds

Connect your research with the rest of the DARIAH collection

Service providers:

Connect your service with the OpenAIRE Research Graph

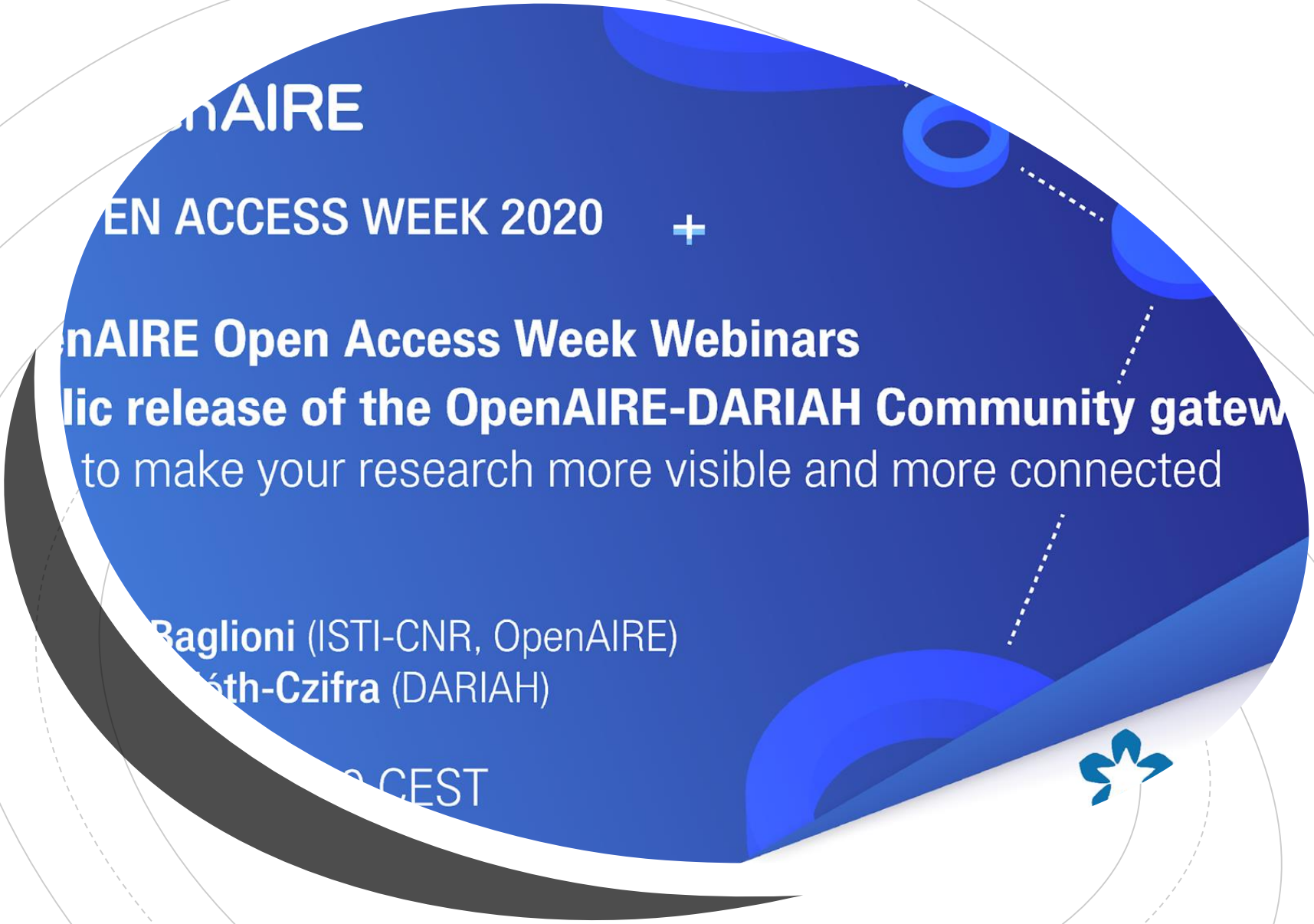
Make it visible on the European horizon

Help your users to acknowledge your service and howcase its impact on their work

Librarians, national or institutional coordinators:

Showcase your institutions' services and contributions on the European level

Monitor the growth of their content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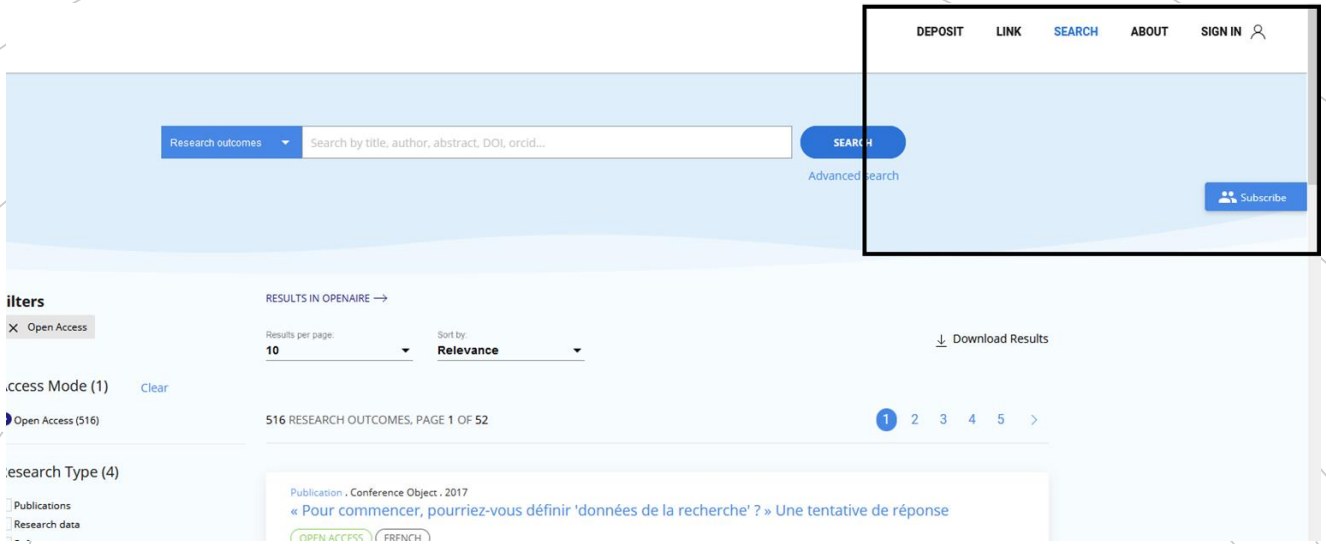
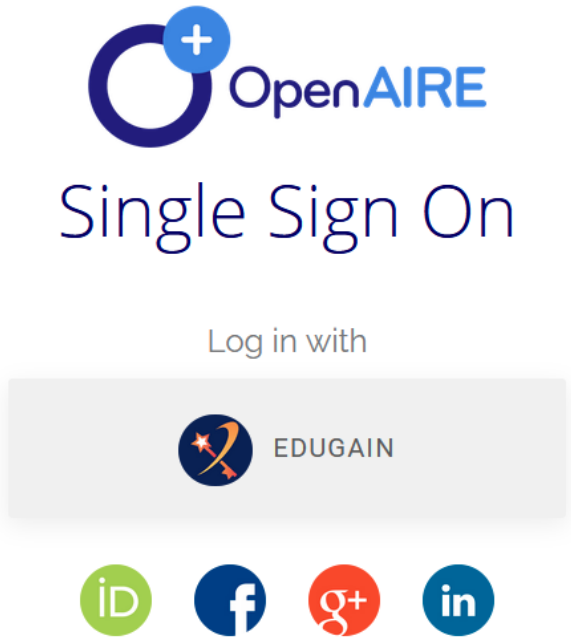
nAIRE Open Access Week Webinars
lic release of the OpenAIRE-DARIAH Community gatew
to make your research more visible and more connected
Baglioni (ISTI-CNR, OpenAIRE)
th-Czifra (DARIAH)
CEST

Hands-on



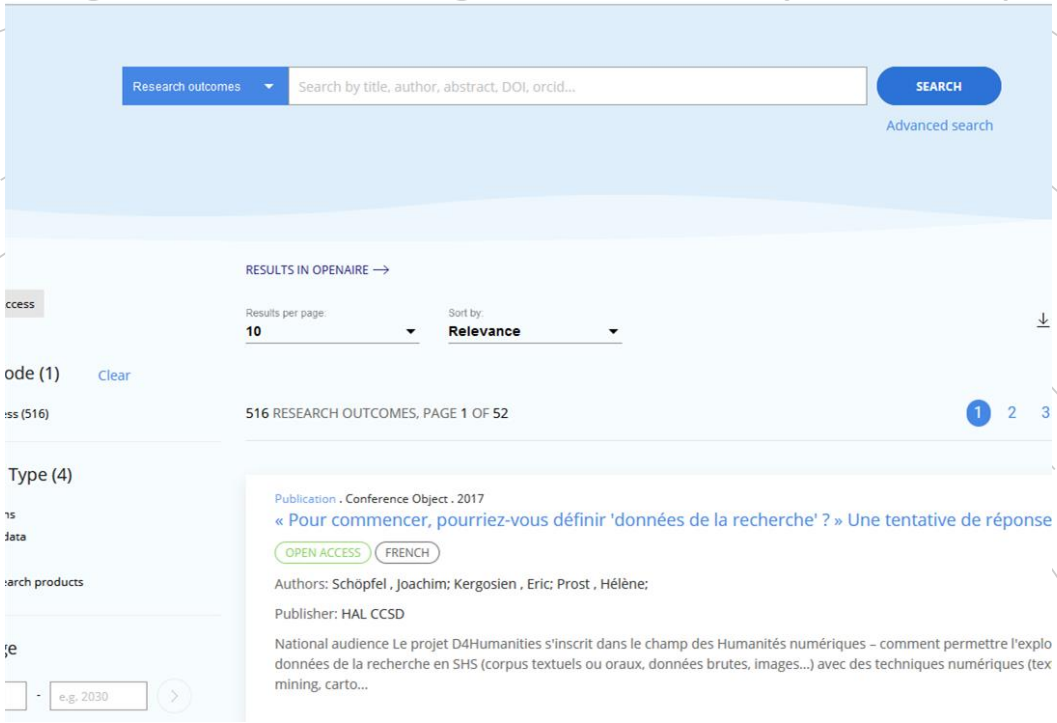
Now you are invited to sign in and subscribe to the DARIAH Dashboard

https://dariah.openaire.eu/



Are you happy with the login options or would you like to customise your subscription options?

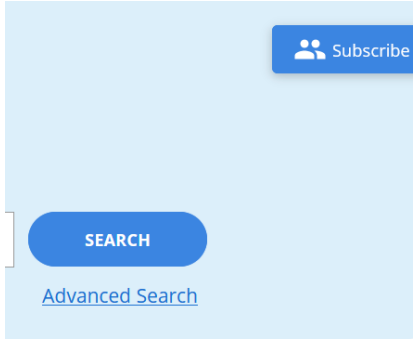
Go to: www.mentimeter.com and use the code: 78 38 73 5



Try a single click on "SEARCH" in the top right banner.

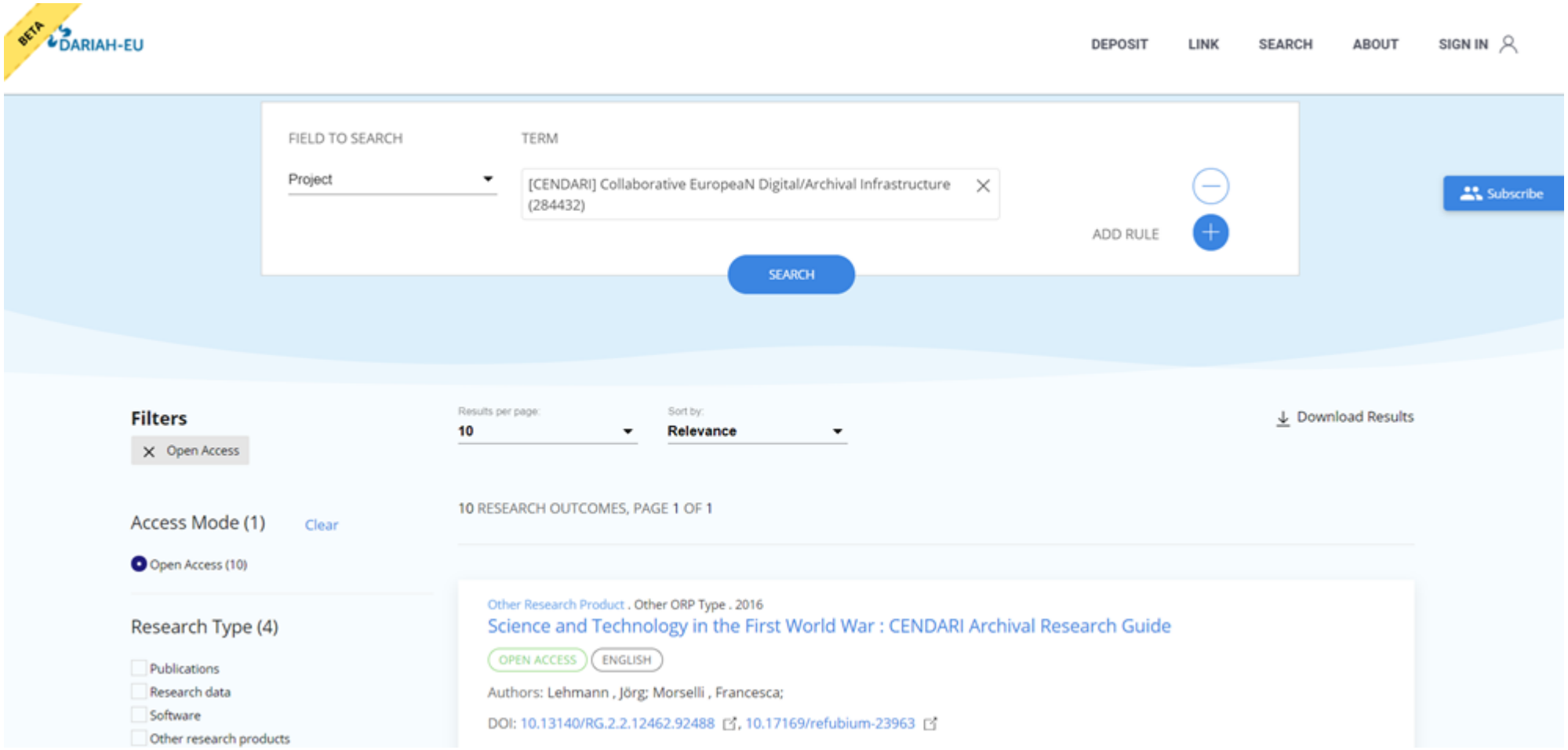
Try clicking on one attribute, e.g. project PROJECT-NAME (DESIR, Humanities at Scale or CENDARI), to discover publications of that project.

Advanced search

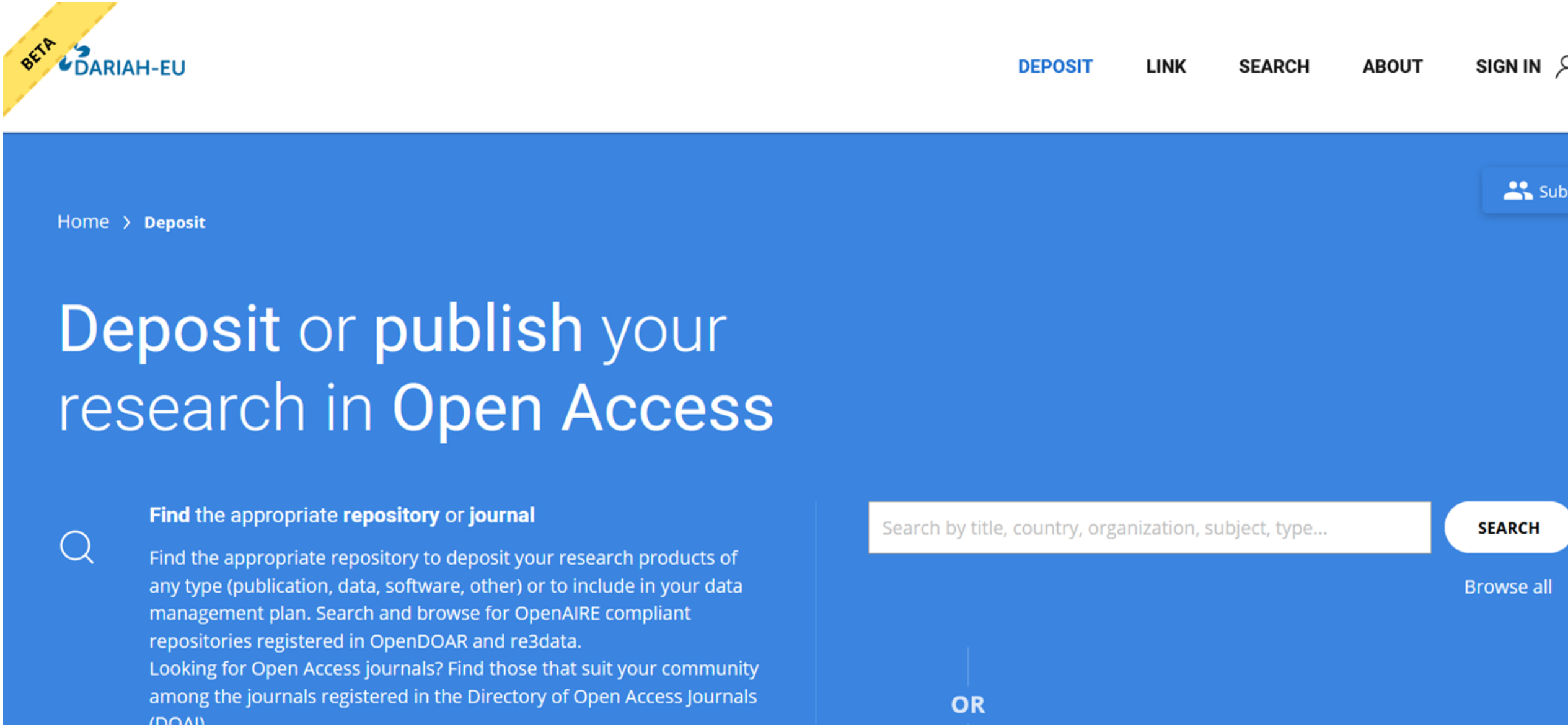


- ❑Try ‘Advanced search’ and select “Publications” in the drop-down menu
- ❑Try a free-text search, e.g. “TEI”
- ❑Try the advanced search, e.g. title="TEI" & author="Laurent Romary„
- ❑Try selecting one of the publications, and explore how this publication can be (1) accessed, (2) downloaded, (3) shared, (4) which projects and funders are acknowledged, and (5) how it can be further linked to other projects, communities or publications.
- ❑Try clicking on a project/funder that is acknowledged by the publication, e.g. "PARTHENOS". This provides an overview of publications available in OpenAIRE for that project.

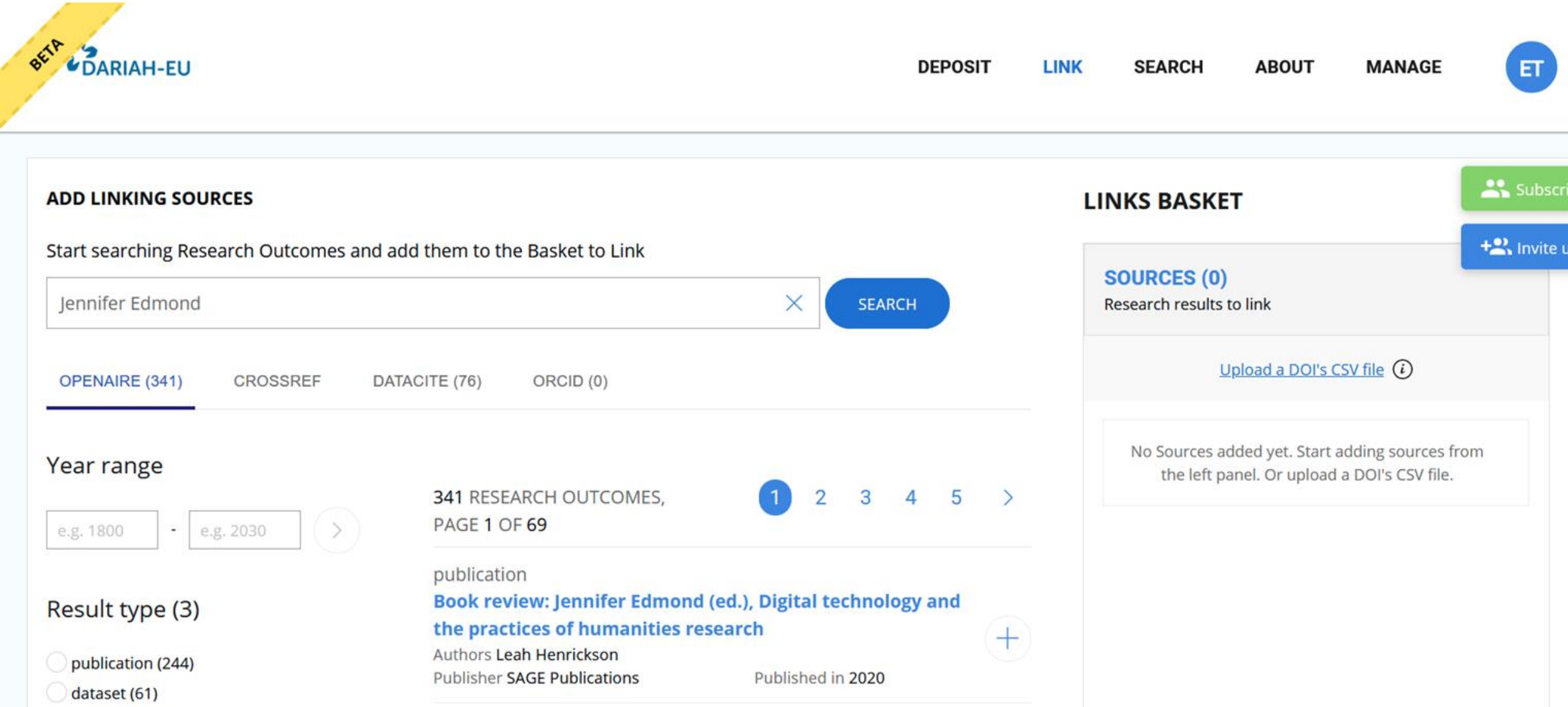
Connecting outputs of the same project that are dispersed across the web

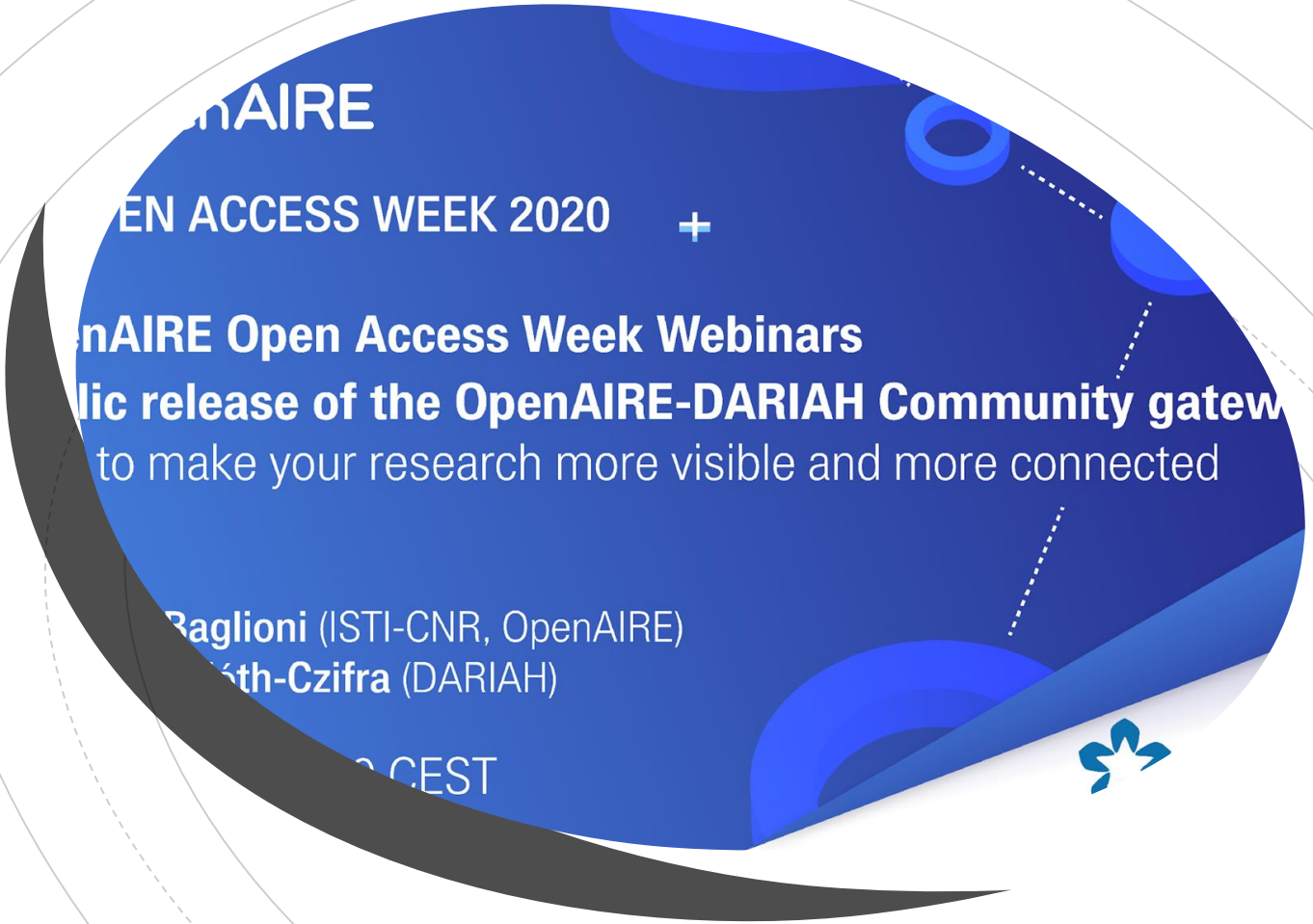


Finding Zenodo communities and institutional repositories



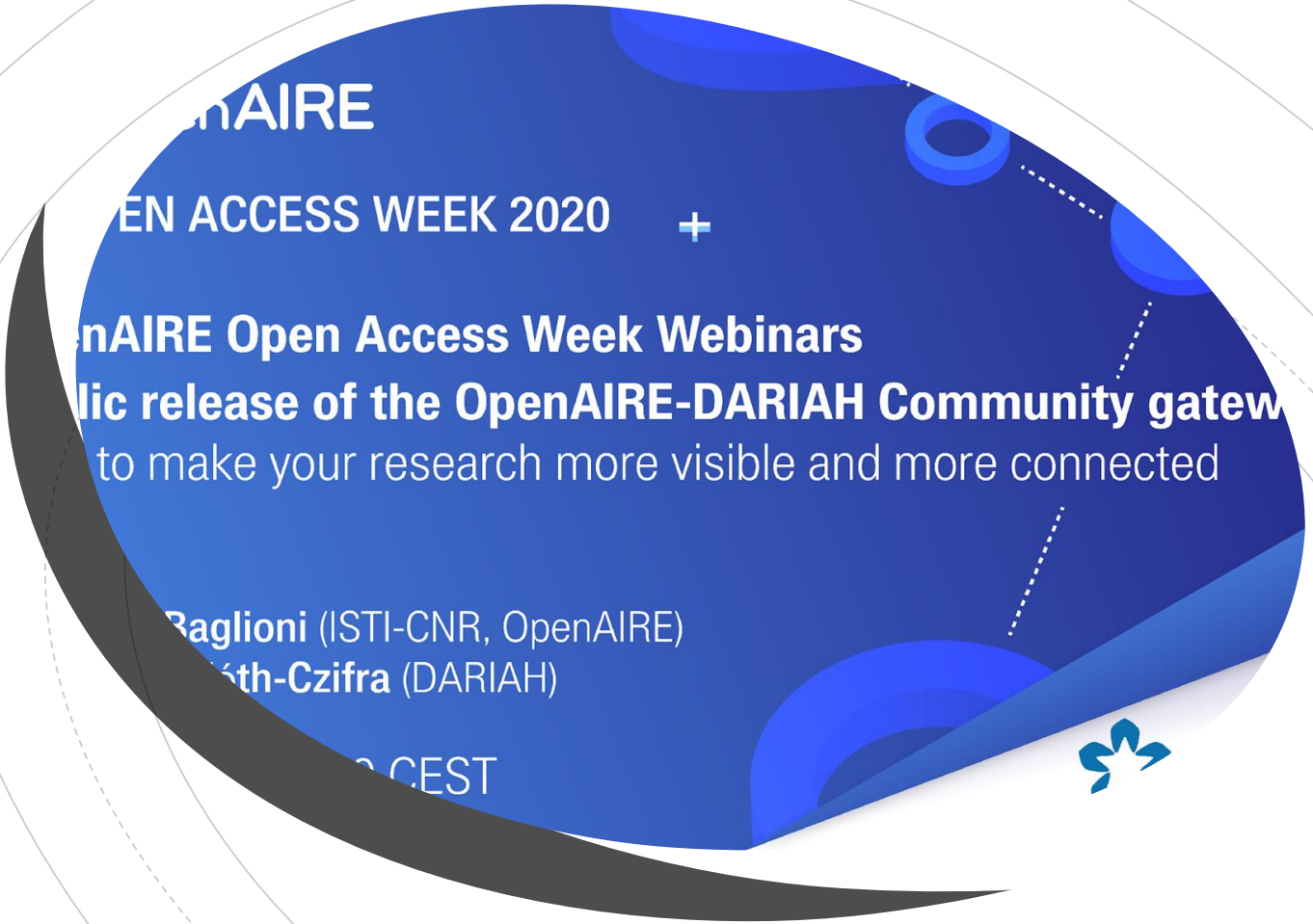
Linking your research





What is your overall impression about the community gateway? Are there any improvements you would like to see in the future?

Go to:www.mentimeter.com and use the code: 18 85 74 3


nAIRE
EN ACCESS WEEK 2020
nAIRE Open Access Week Webinars
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Q & A time!

Thanks for staying with us!