23rd Community Call

OPENAIRE CONTENT PROVIDERS MANAGERS

Research Information Systems

➡ A way to Open and FAIR Science

OpenAIRE

European Commission

2022-10-05

@openaire_eu
@euroCRIS_Org

AGENDA:

1) Main topics

- Research information system are warmly welcome
- networking and join communities

2) Discussion, Question and Answers

Notes & Agenda ➪ https://bit.ly/2rTgJwy

OpenAIRE

European Commission

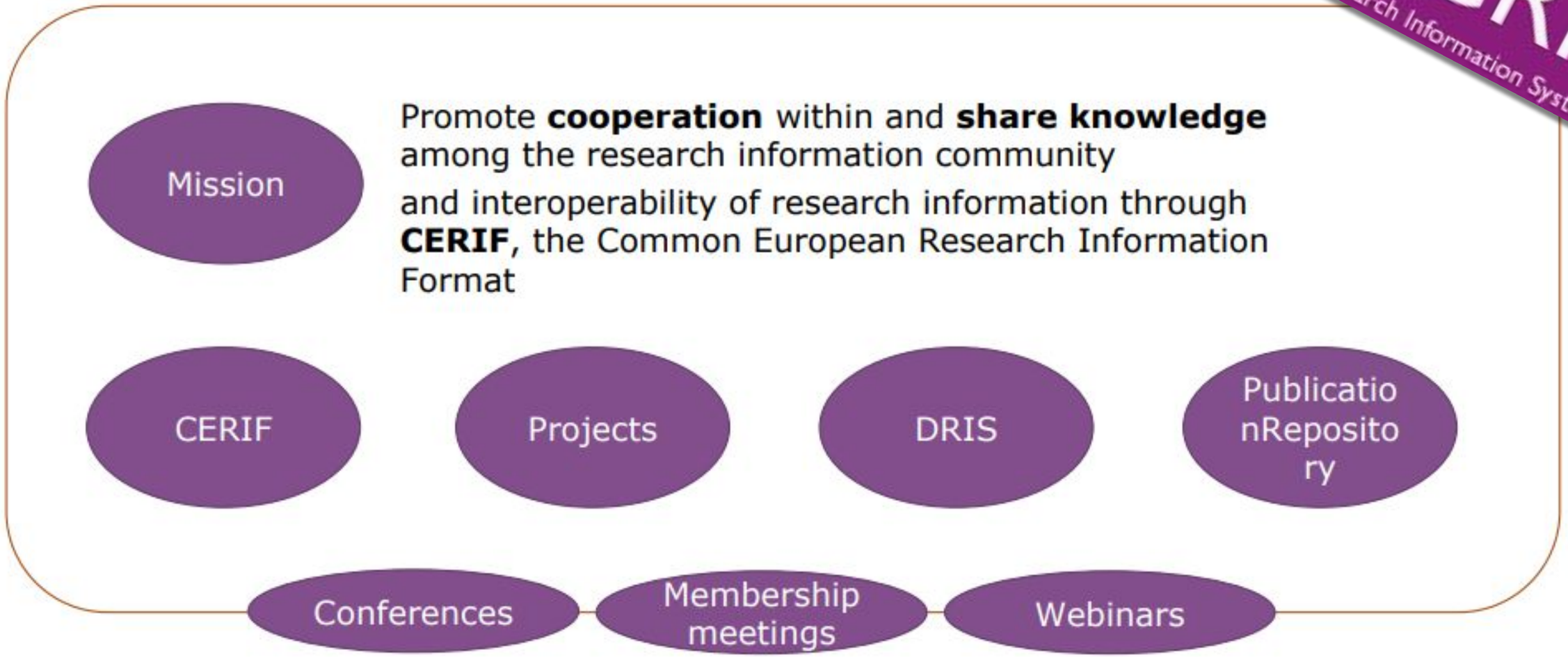
www.openaire.eu/provide-community-calls

euroCRIS

- a welcome note -

:: the way to Open Science ::

community of
Research Information System Managers

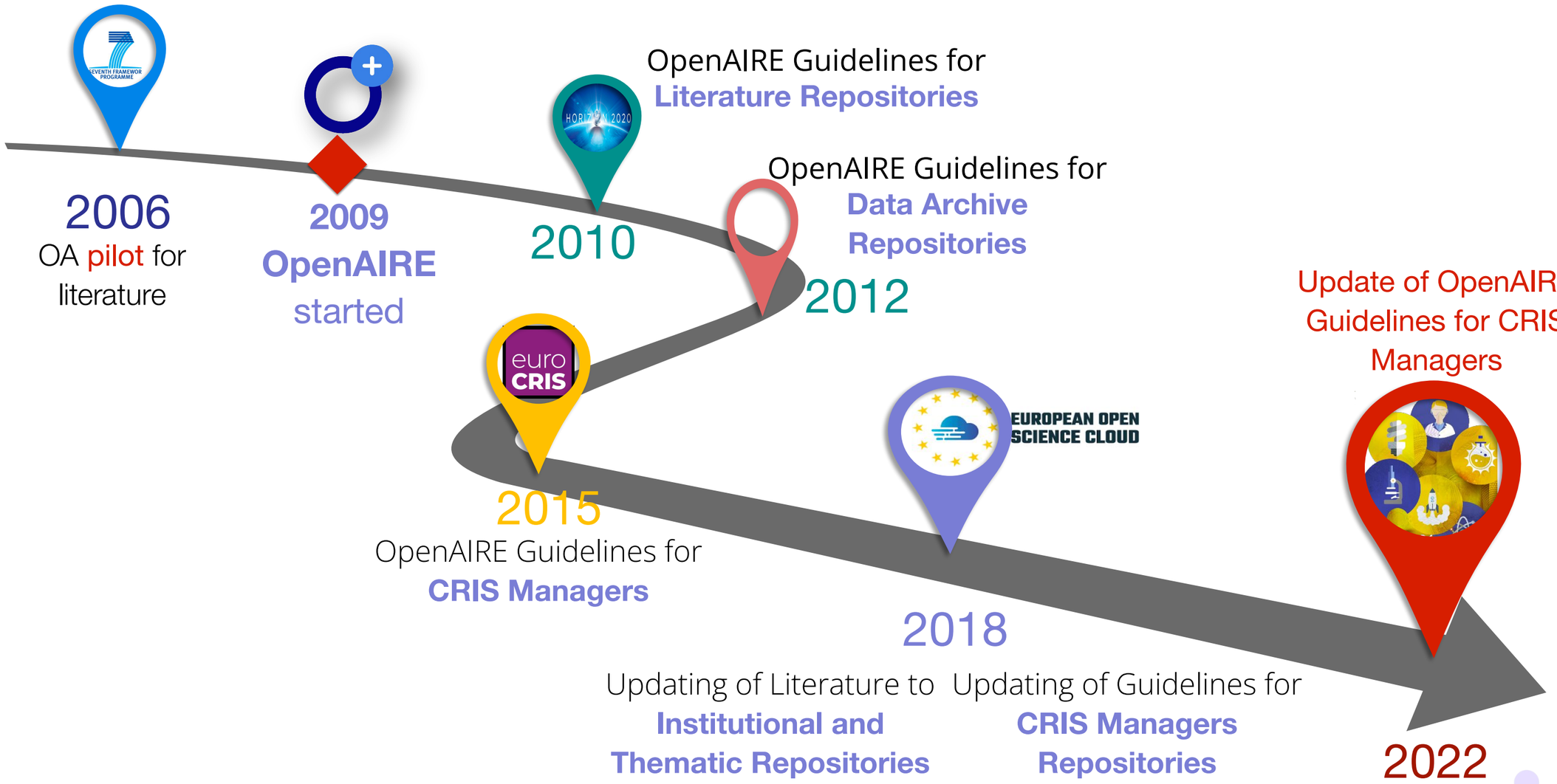


Research Information Systems

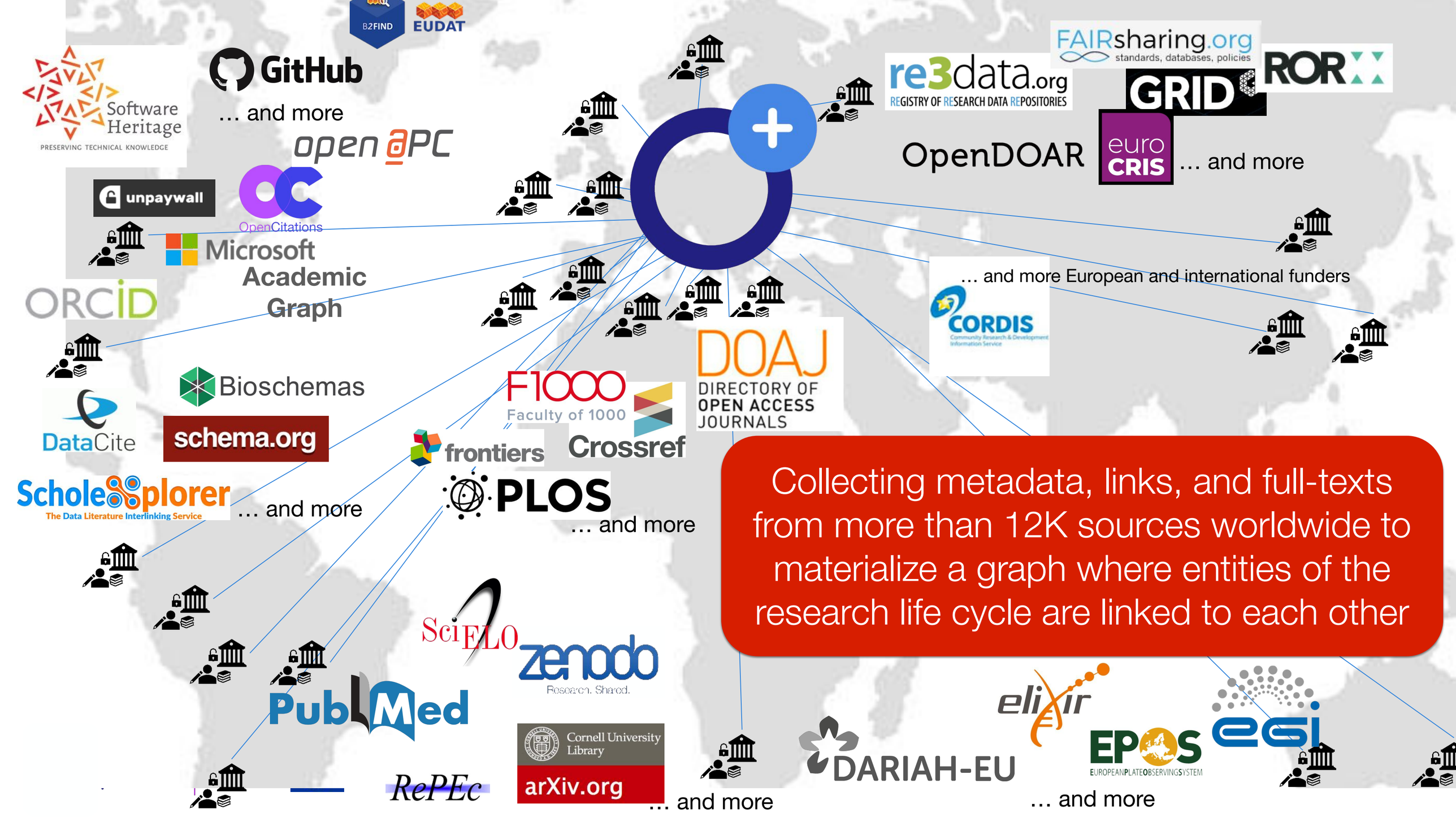
- a welcome note -

:: the way to Open Science ::

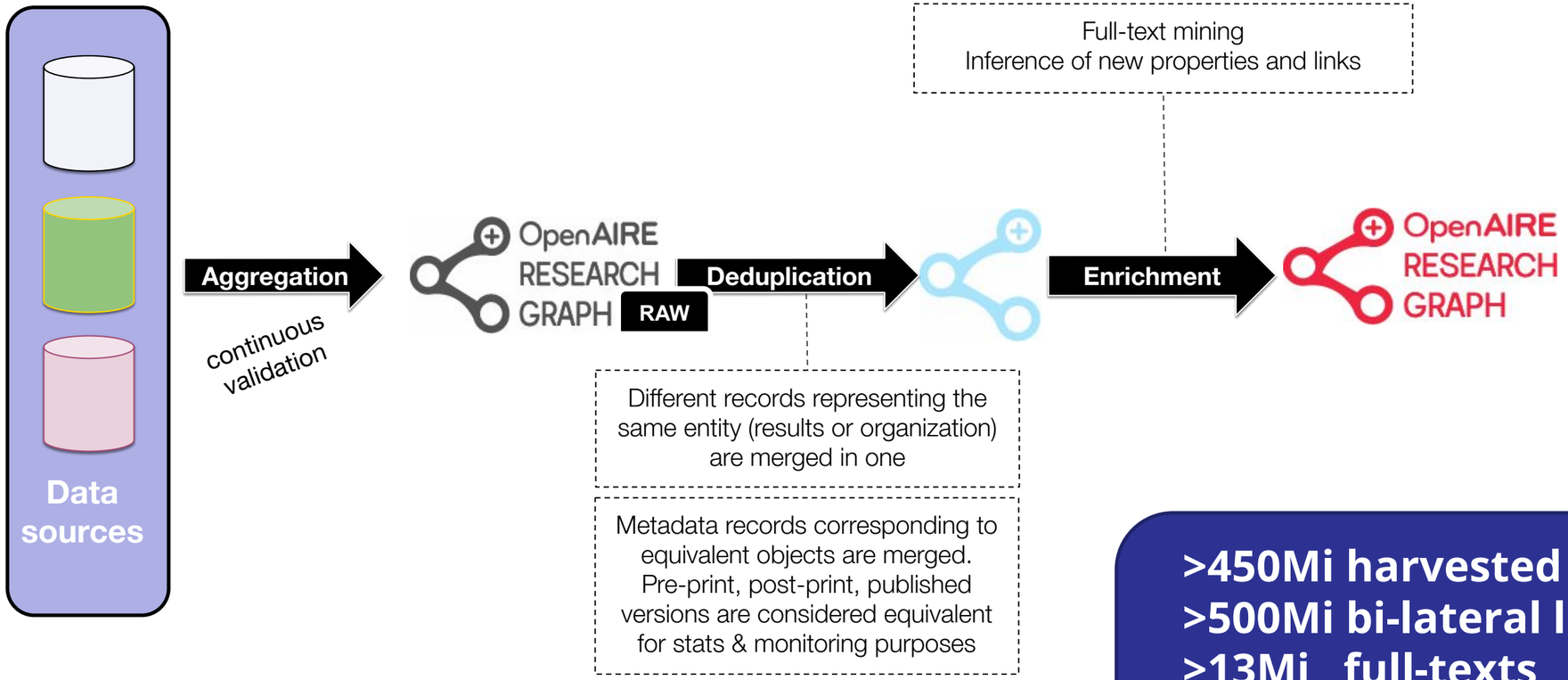
OpenAIRE: Open Access, Data, and Science



OpenAIRE NEXUS


B2FIND
EUDAT
GitHub
… and more
Software Heritage
PRESERVING TECHNICAL KNOWLEDGE
open APC
unpaywall
OpenCitations
Microsoft Academic Graph
ORCID
Bioschemas
schema.org
DataCite
ScholeXplorer
The Data Literature Interlinking Service
… and more
F1000
Faculty of 1000
frontiers
Crossref
PLOS
… and more
DOAJ
DIRECTORY OF OPEN ACCESS JOURNALS
FAIRsharing.org
standards, databases, policies
re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES
GRID
ROR
OpenDOAR
euroCRIS
… and more
… and more European and international funders
CORDIS
Community Research & Development Information Service
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
DARIAH-EU
elixir
EPOS
EUROPEANPLATEOBSERVINGSYSTEM
egi
… and more

OpenAIRE Research Graph - the supply chain



>450Mi harvested records
>500Mi bi-lateral links
>13Mi full-texts

>160Mi dedupl. Research Products

OpenAIRE and the EOSC Core

Guidelines
Setting compliance of
OpenAIRE/EOSC data sources

PROVIDE

Register
Validate

Data Source

Validate

EOSC Research Product Catalogue

OpenAIRE RESEARCH GRAPH

EUROPEAN OPEN SCIENCE CLOUD

OpenAIRE UsageCounts

DEVELOP
EXPLORE
MONITOR

OPENSCIENCE OBSERVATORY

Community-customized
OS research impact

CONNECT

ARGOS

zenodo

EPOS IT

DARIAH-EU

elixir GREECE

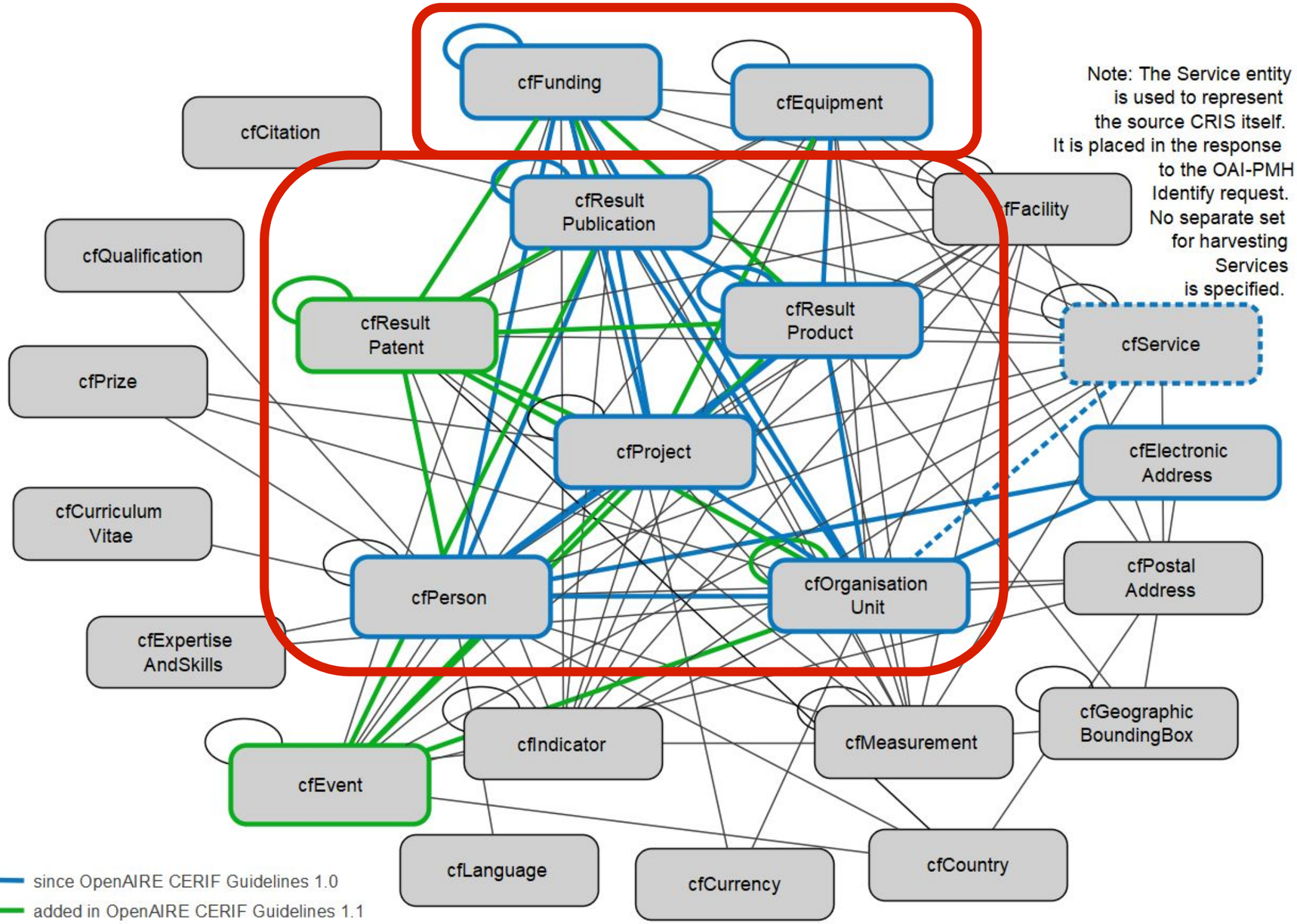
Research Infrastructures
OS Publishing

OpenAIRE NEXUS

Common European Research Information - Model

OpenAIRE | NEXUS

Common European Research Information System - Model



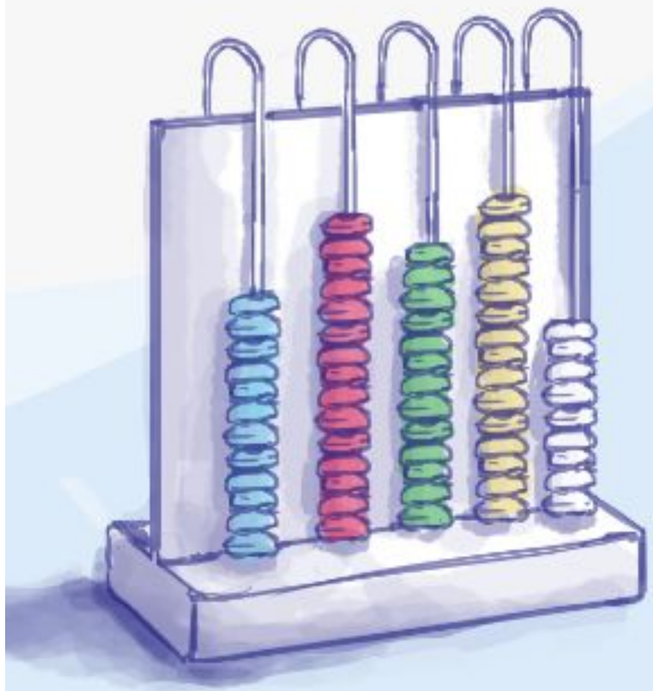
Guidelines for CRIS Managers v1.1.2rc - an update

- using the latest COAR resource type vocabulary v3.0 (#99)
- report on the ‘Compliance of the OpenAIRE Guidelines for CRIS Managers v1.1.1 with the FAIR Principles’ (#98)
- OAI Identifier uses outdated validation for domain name (#126)
- adding more examples

https://github.com/openaire/guidelines-cris-managers/issues

CRIS systems not yet harvested by OpenAIRE?

OpenAIRE | PROVIDE



Do numbers make you happy?

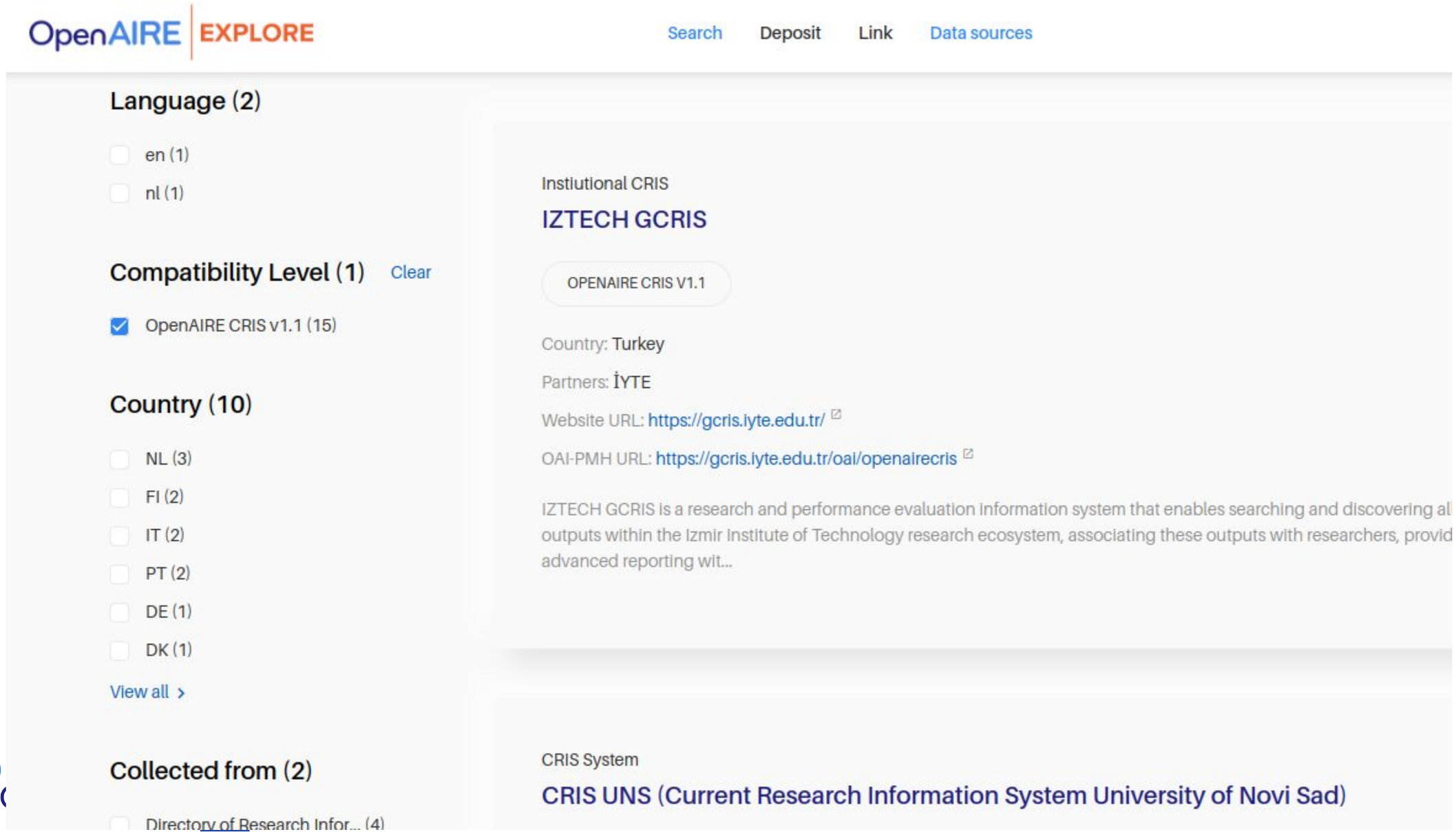
5,681	3,958	99,593	131
LITERATURE REPOSITORIES	DATA REPOSITORIES	OA JOURNALS	AGGREGATORS

but no CRIS systems (or not in production yet)

OpenAIRE

European Commission

CRIS systems yet harvested by OpenAIRE



DRIS

:: the directory of ::
:: Research Information Systems ::

OpenAIRE | NEXUS

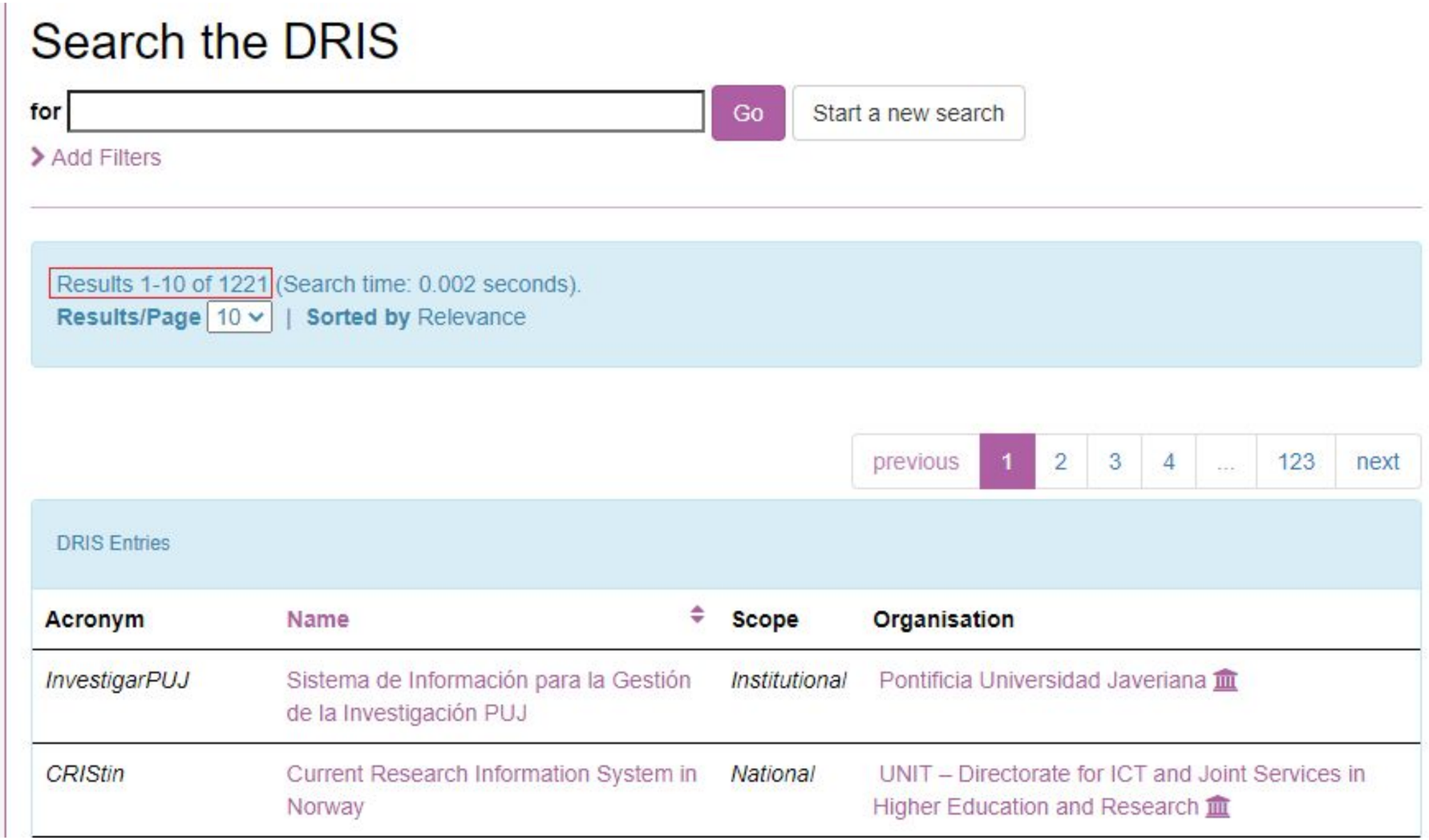
euroCRIS DRIS simplifies CRIS registration

Discover

Country		Software		Status	
India	518	IRINS	517	Operational	1186
Norway	132	Pure	177	Under Construction ...	25
United Kingdom	81	CRIStin	131	Closed ...	2
Italy	76	In-house-built	77	In Preparation ...	1
United States	47	IRIS	70		
Poland	42	Symplectic Elements	45		
Spain	42	Omega-PSIR	40		
Germany	39	DSpace-CRIS	33		
Turkey	37	Avesis	32		
Netherlands	18	Converis	19		
	next >		next >		

euroCRIS DRIS - the map

DRIS Directory: 1,220+ CRIS entries
(as of early Oct 2022)



Search the DRIS

for [ ] Go | Start a new search

› Add Filters

Results 1-10 of 1221 (Search time: 0.002 seconds).

Results/Page 10 | **Sorted by** Relevance

previous 1 2 3 4 ... 123 next

DRIS Entries

Acronym	Name	Scope	Organisation
InvestigarPUJ	Sistema de Información para la Gestión de la Investigación PUJ	*Institutional*	Pontificia Universidad Javeriana
CRIStin	Current Research Information System in Norway	*National*	UNIT – Directorate for ICT and Joint Services in Higher Education and Research

Some DRIS entries already show OpenAIRE registration

DRIS record METIS Research Information System

View Statistics | Email Alert | RSS Feed

Information

DRIS Details

Name of the CRIS METIS Research Information System **Acronym** METIS Radboud

Description METIS is the CRIS of Radboud University It was implemented already in 1994 and as such is one of the oldest fully fledged CRIS's in Europe.

Status Operational **Scope** Institutional **Date of establishment** 01-04-1993

URI https://www.ru.nl/research-information-services/manuals/ris-explained/ **Number of users** 750 **Institution/organization** Radboud University Nijmegen

Department Central Management **Contact person** Simons, Eduard **CRIS data supply** Faculties **CRIS data validation** Central Administration

CRIS data output Central Management **Country** Netherlands **Coverage** Dataset **Software** Metis

OpenAIRE

OpenAIRE

European Commission

Join two communities: euroCRIS and OpenAIRE

- **Registration at euroCRIS**
  https://www.eurocris.org/dris/dris-form

- **Registration at PROVIDE**
  https://provide.openaire.eu/sources/register/cris?step=selectDatasource

join euroCRIS :: DRIS

- Register via https://www.eurocris.org/dris/dris-form
  OR
- Drop us a line at eurocris@eurocris.org

There's a number of *minimally sufficient metadata elements* needed to create a DRIS entry:

- CRIS type (institutional, regional, national, funder, aggregation, etc)
- Organisation hosting the CRIS
- CRIS name
- Software solution
- Status (operational, under construction)
- URL for publicly available portal

CRIS endpoint URL *is not shown* on DRIS entries in order not to compromise safety, but this is necessary for OpenAIRE harvesting

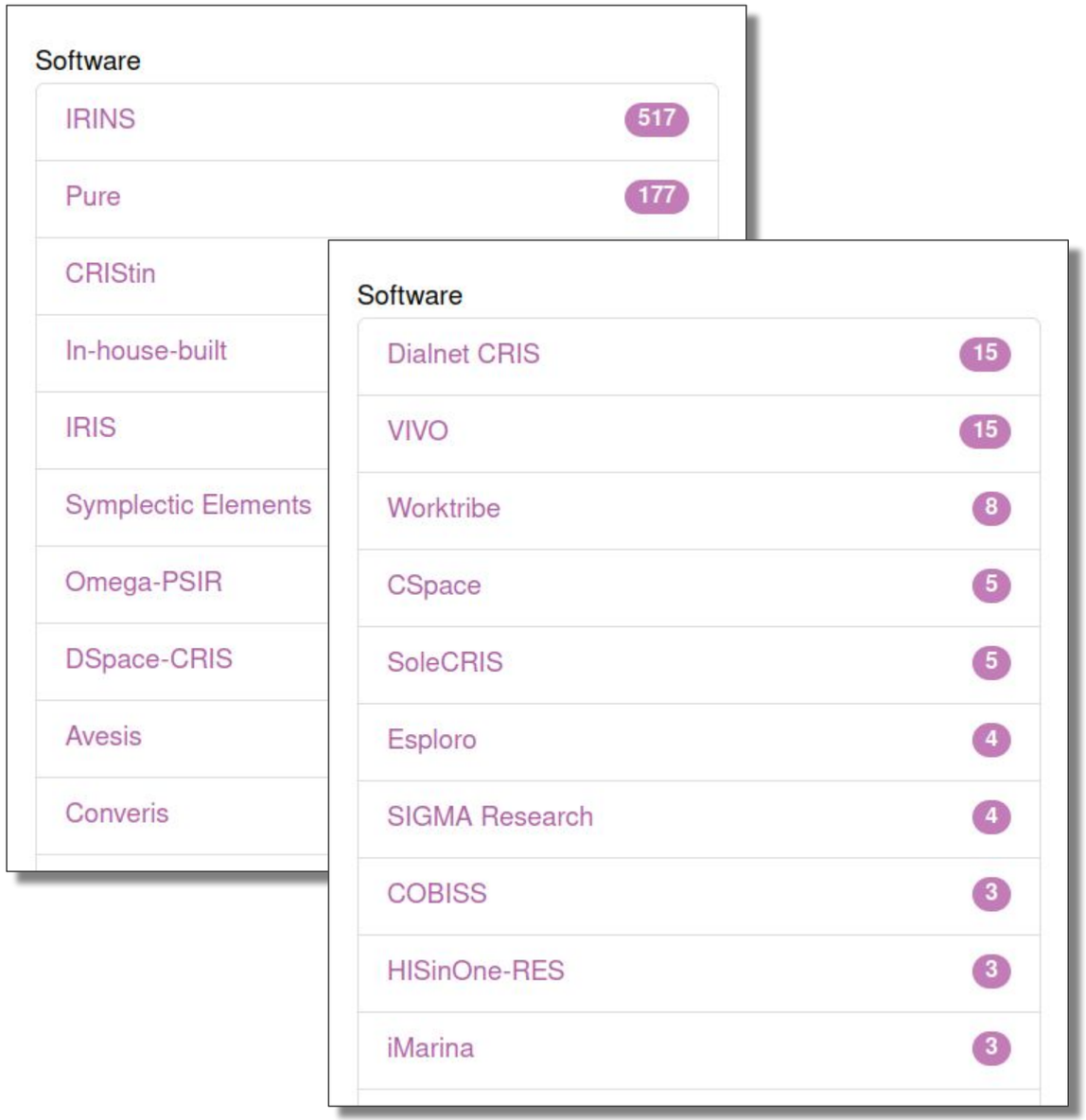
https://dspacecris.eurocris.org/cris/explore/dris

Research Information Systems (CRIS) at OpenAIRE

OpenAIRE | NEXUS

Some CRIS solutions are out-of-the-box OpenAIRE-compliant

- **out-of-the-box compliant**
  - DSpace-CRIS since v5.10, v6.3, v7.x
  - PURE since v5.14
  - Omega-PSIR since v1.2
  - ..

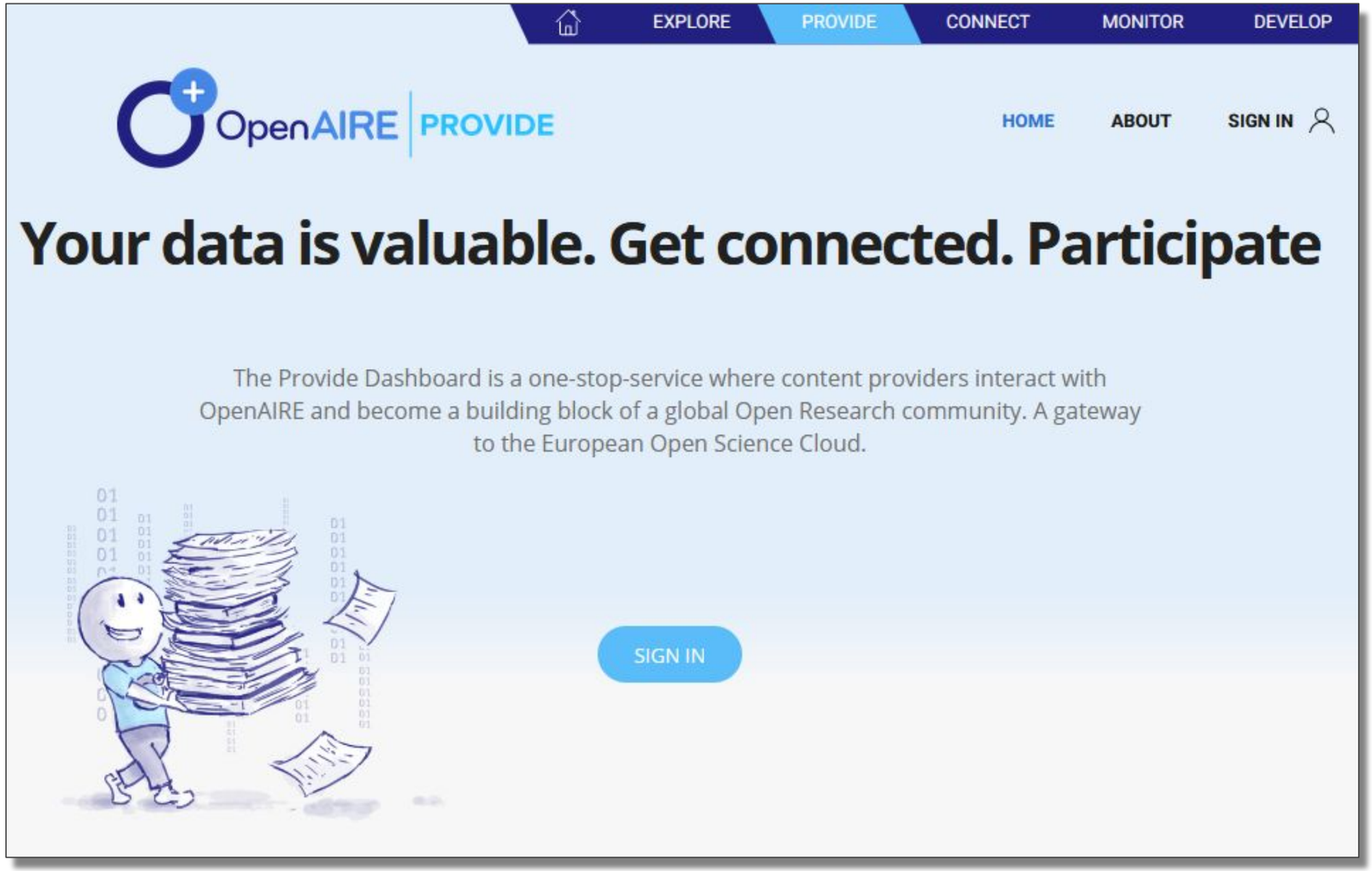


Overview of repository platforms and supported guidelines:
https://docs.google.com/spreadsheets/d/1_TQzbMf1jz-YEgatt76IMe-MBbt28g-1_N7j_GZyoPc/edit#gid=1470707378

OpenAIRE

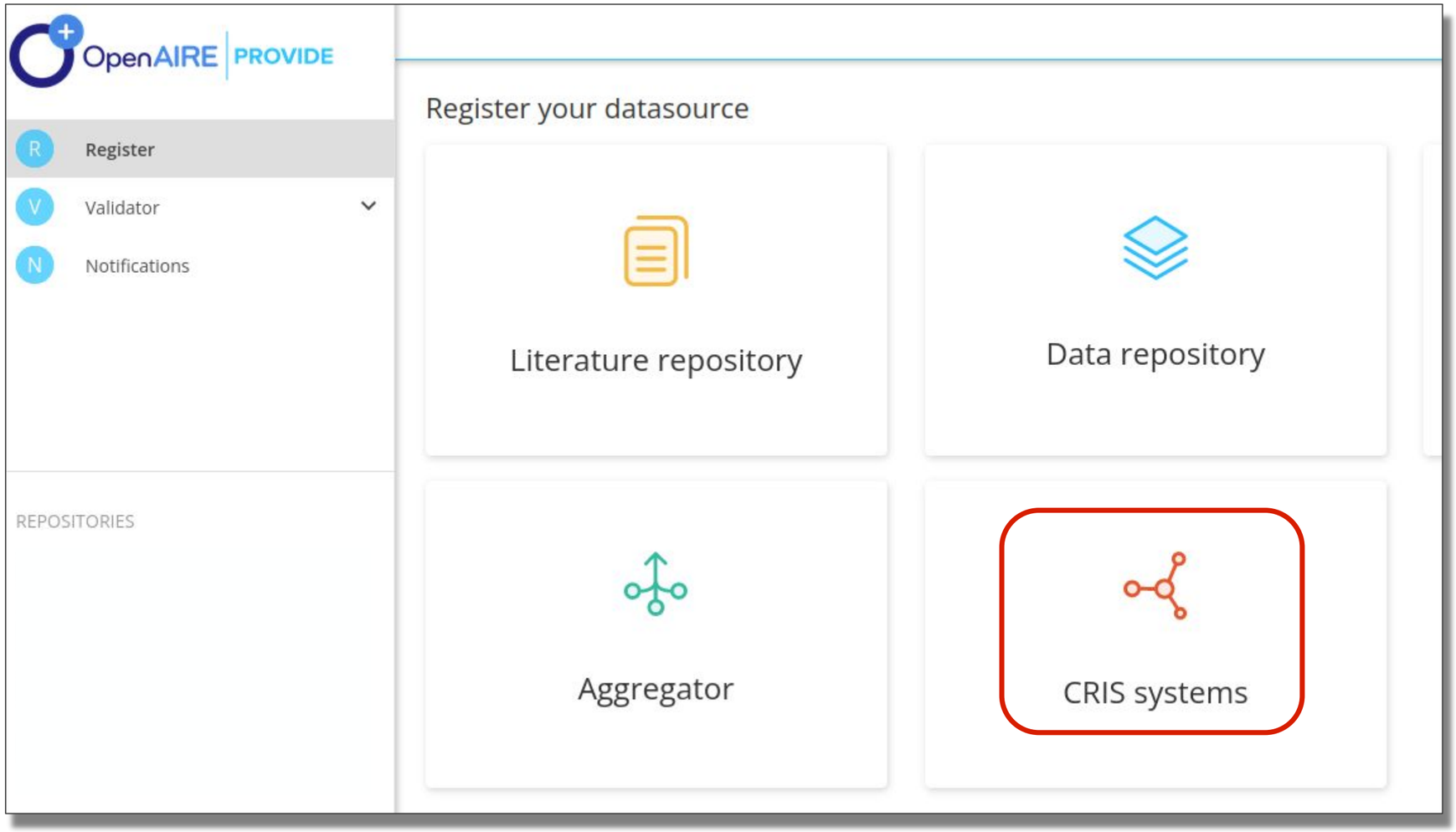
European Commission

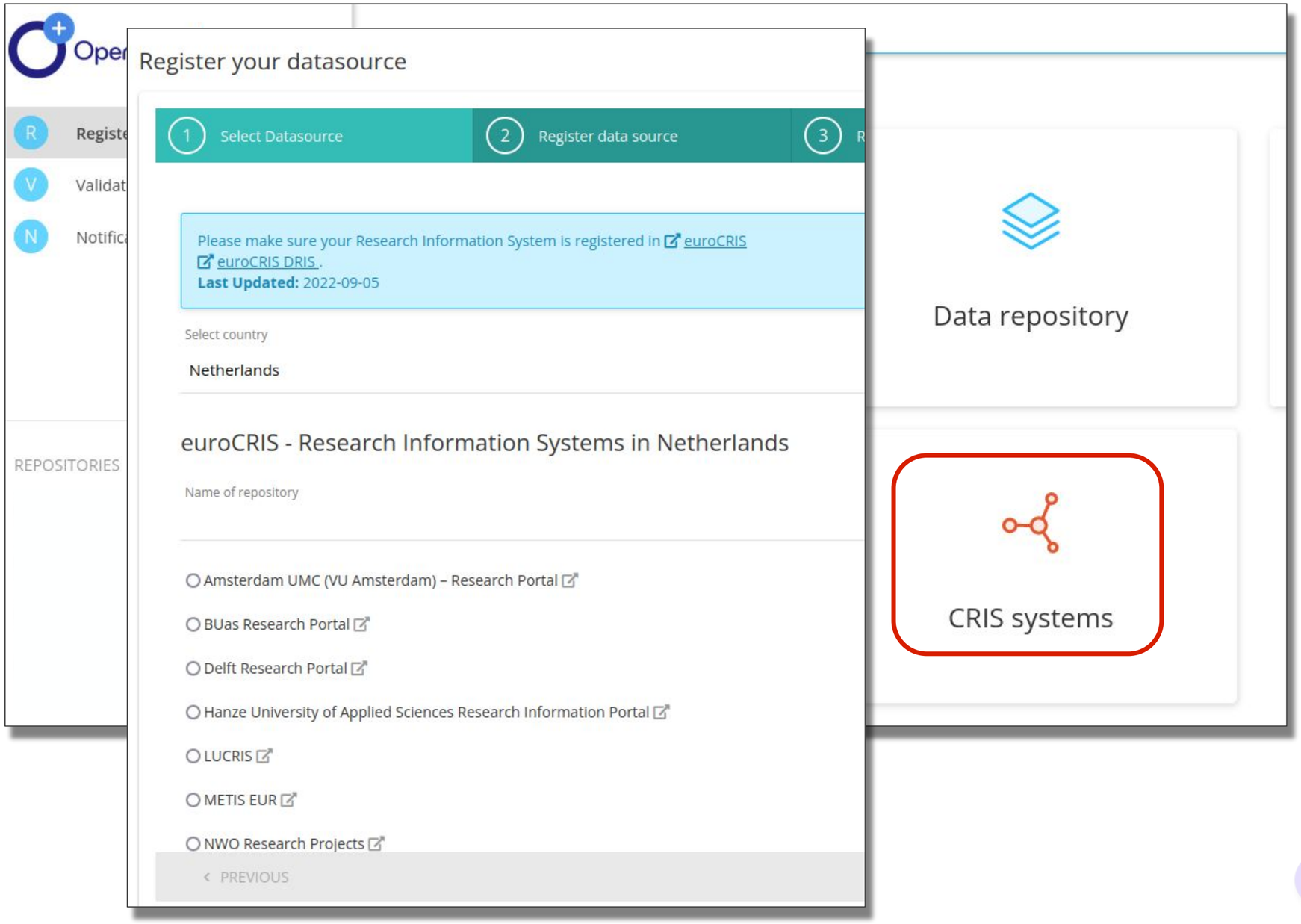
join OpenAIRE/EOSC

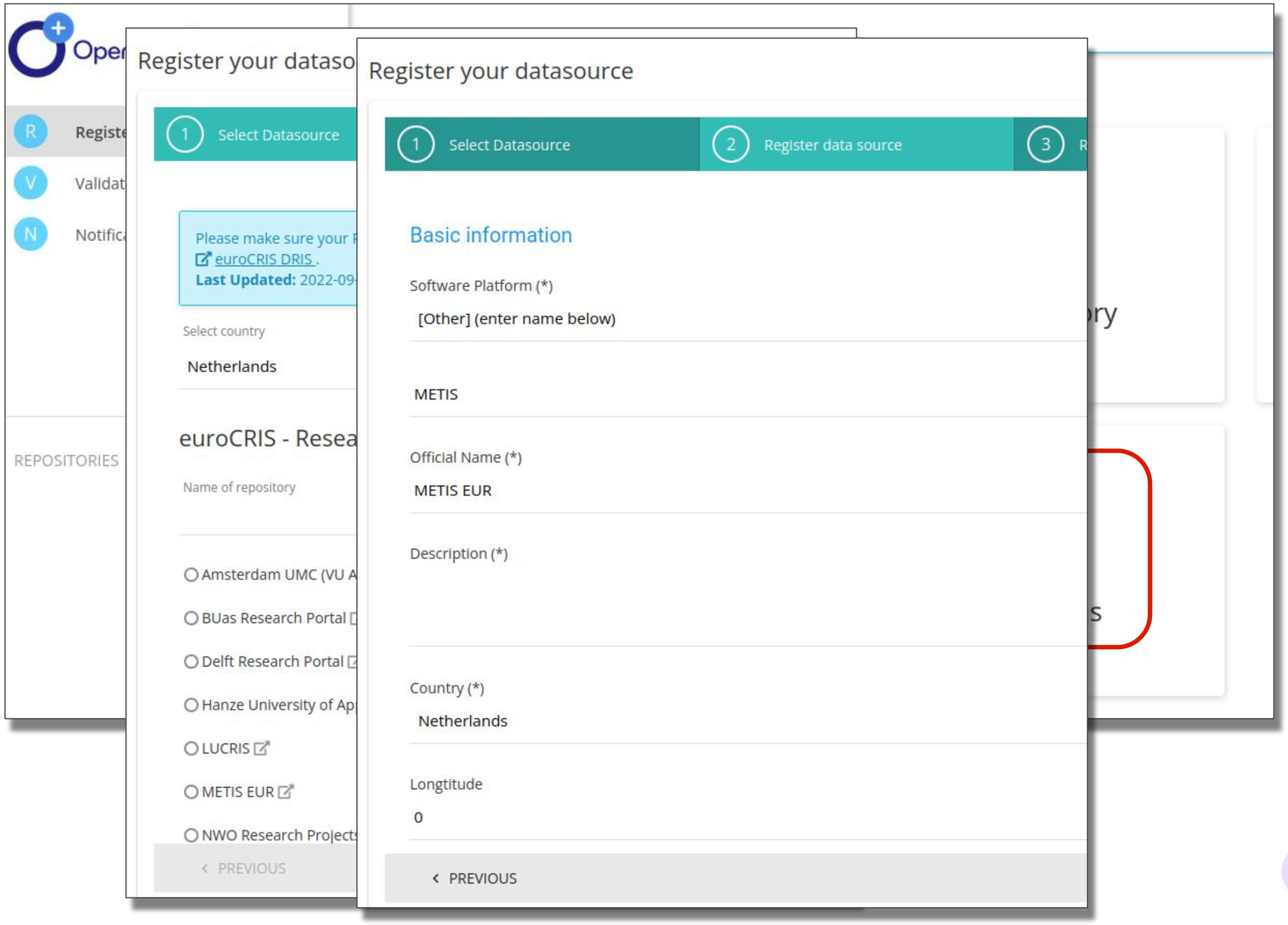


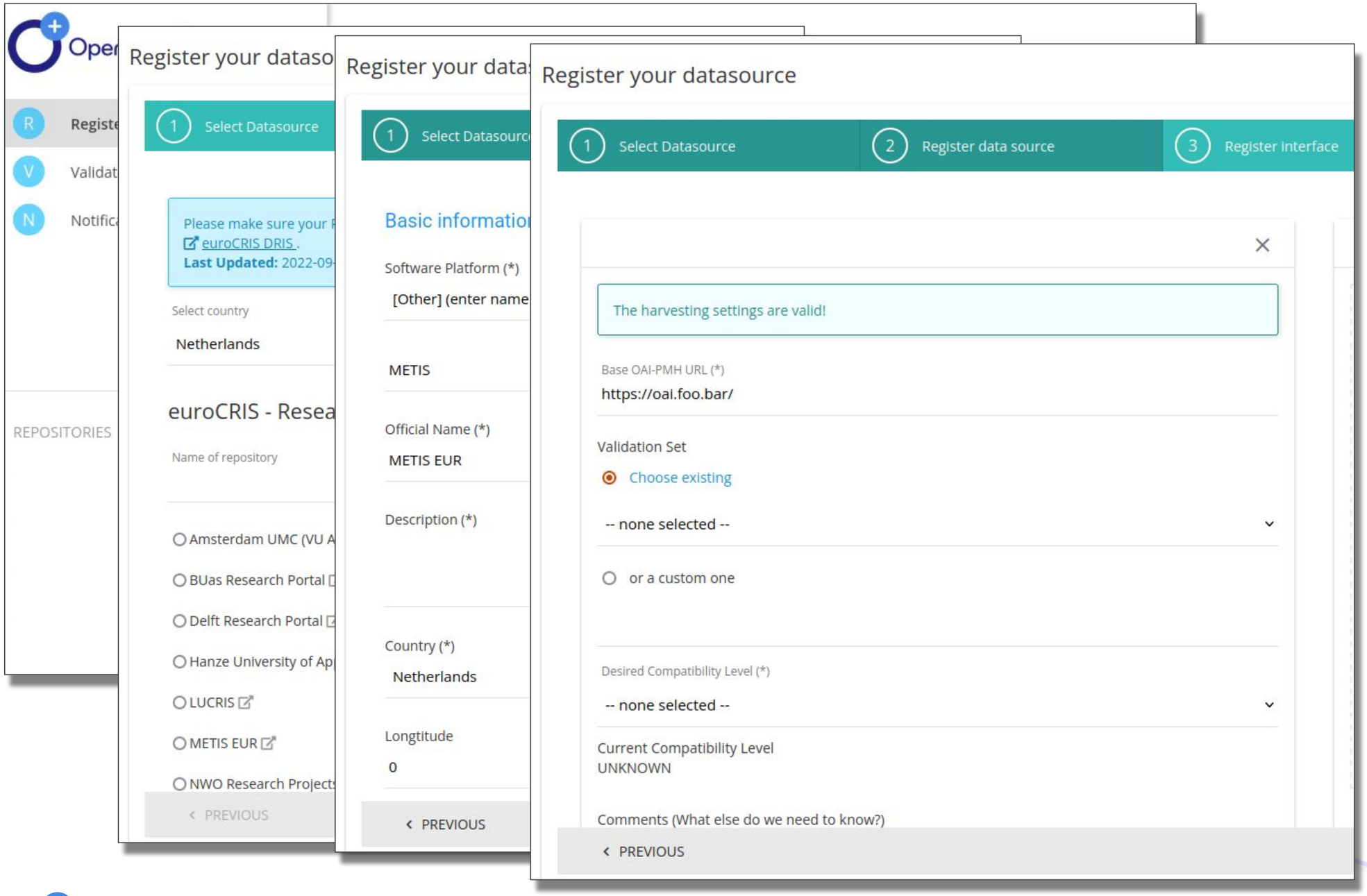
https://provide.openaire.eu

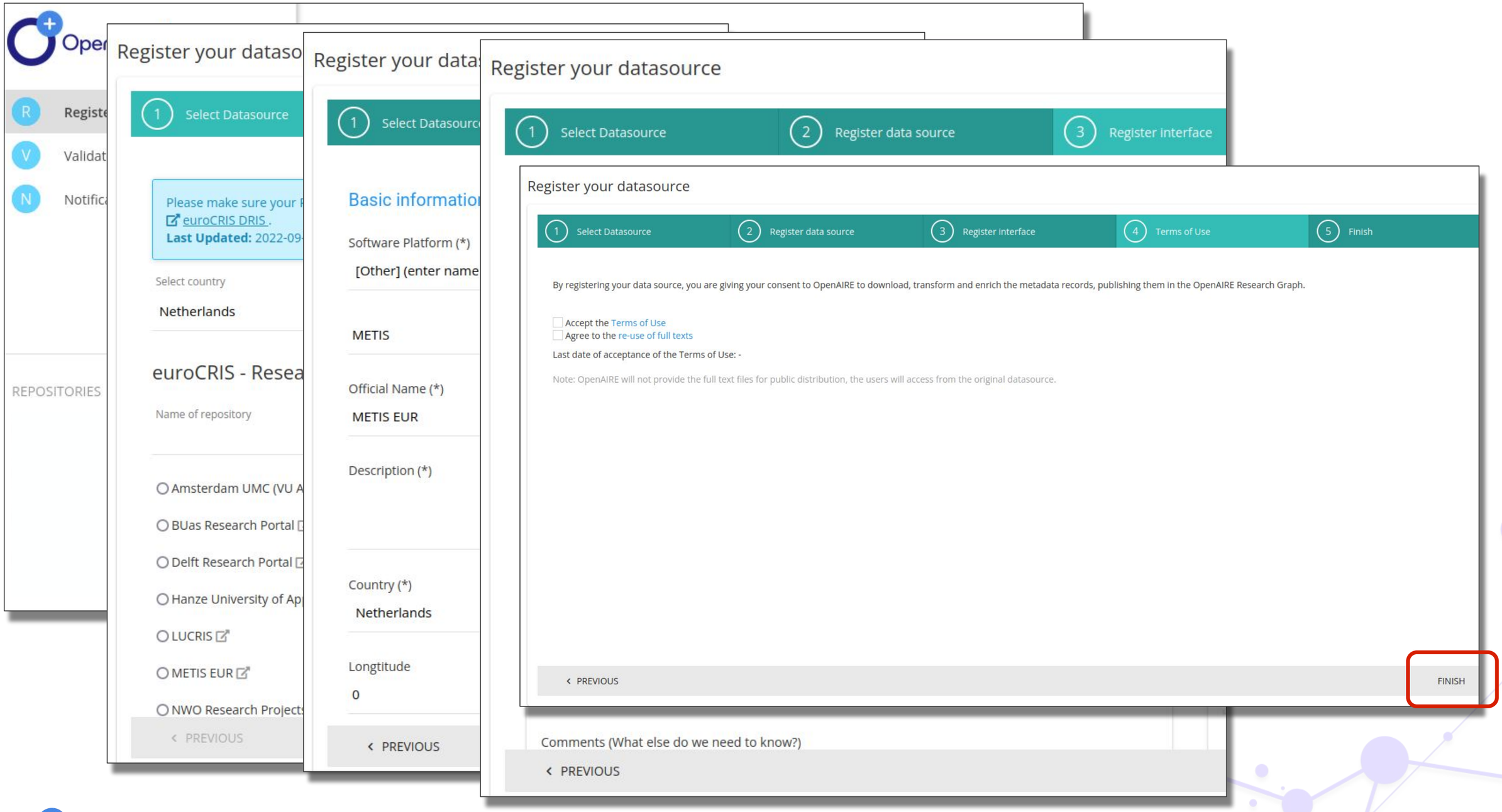
- Register
- Manage
- Information about Enrichments
- Information about UsageCounts
- Validation and FAIR assistance


OpenAIRE PROVIDE
Register
Validator
Notifications
REPOSITORIES
Register your datasource
Literature repository
Data repository
Aggregator
CRIS systems


Register your datasource
1 Select Datasource
2 Register data source
3 R
Please make sure your Research Information System is registered in euroCRIS
euroCRIS DRIS .
Last Updated: 2022-09-05
Select country
Netherlands
euroCRIS - Research Information Systems in Netherlands
Name of repository
Amsterdam UMC (VU Amsterdam) – Research Portal
BUas Research Portal
Delft Research Portal
Hanze University of Applied Sciences Research Information Portal
LUCRIS
METIS EUR
NWO Research Projects
PREVIOUS
Data repository
CRIS systems
REPOSITORIES


Register your datasource
1 Select Datasource
2 Register data source
3 R
Basic information
Software Platform (*)
[Other] (enter name below)
METIS
Official Name (*)
METIS EUR
Description (*)
Country (*)
Netherlands
Longtitude
0
PREVIOUS
Register your datasource
1 Select Datasource
Please make sure your
euroCRIS DRIS .
Last Updated: 2022-09
Select country
Netherlands
euroCRIS - Resea
Name of repository
Amsterdam UMC (VU A
BUas Research Portal
Delft Research Portal
Hanze University of Ap
LUCRIS
METIS EUR
NWO Research Project
PREVIOUS
REPOSITORIES


Register your datasource
1 Select Datasource
2 Register data source
3 Register interface
The harvesting settings are valid!
Base OAI-PMH URL (*)
https://oai.foo.bar/
Validation Set
Choose existing
-- none selected --
or a custom one
Desired Compatibility Level (*)
-- none selected --
Current Compatibility Level
UNKNOWN
Comments (What else do we need to know?)
PREVIOUS
Basic information
Software Platform (*)
[Other] (enter name
METIS
Official Name (*)
METIS EUR
Description (*)
Country (*)
Netherlands
Longtitude
0
Select country
Netherlands
euroCRIS - Resea
Name of repository
Amsterdam UMC (VU A
BUas Research Portal
Delft Research Portal
Hanze University of Ap
LUCRIS
METIS EUR
NWO Research Project
REPOSITORIES


Register your datasource
1 Select Datasource
2 Register data source
3 Register interface
4 Terms of Use
5 Finish
By registering your data source, you are giving your consent to OpenAIRE to download, transform and enrich the metadata records, publishing them in the OpenAIRE Research Graph.
Accept the Terms of Use
Agree to the re-use of full texts
Last date of acceptance of the Terms of Use: -
Note: OpenAIRE will not provide the full text files for public distribution, the users will access from the original datasource.
PREVIOUS
FINISH
Basic information
Software Platform (*)
[Other] (enter name
METIS
Official Name (*)
METIS EUR
Description (*)
Country (*)
Netherlands
Longtitude
0
Select country
Netherlands
euroCRIS - Resea
Name of repository
Amsterdam UMC (VU A
BUas Research Portal
Delft Research Portal
Hanze University of Ap
LUCRIS
METIS EUR
NWO Research Project
Please make sure your
euroCRIS DRIS .
Last Updated: 2022-09
REPOSITORIES
Comments (What else do we need to know?)

question / highlights

Q: Why should I want my institutional CRIS to be harvested by OpenAIRE if my IR is already OpenAIRE-compliant?

- Because of the expected CERIF entity coverage that CRIS harvesting will provide to the OpenAIRE Research Graph, i.e. not just publications and wider research outputs but other entities such as
  - research projects,
  - organisations
  - research instruments and facilities
  - etc

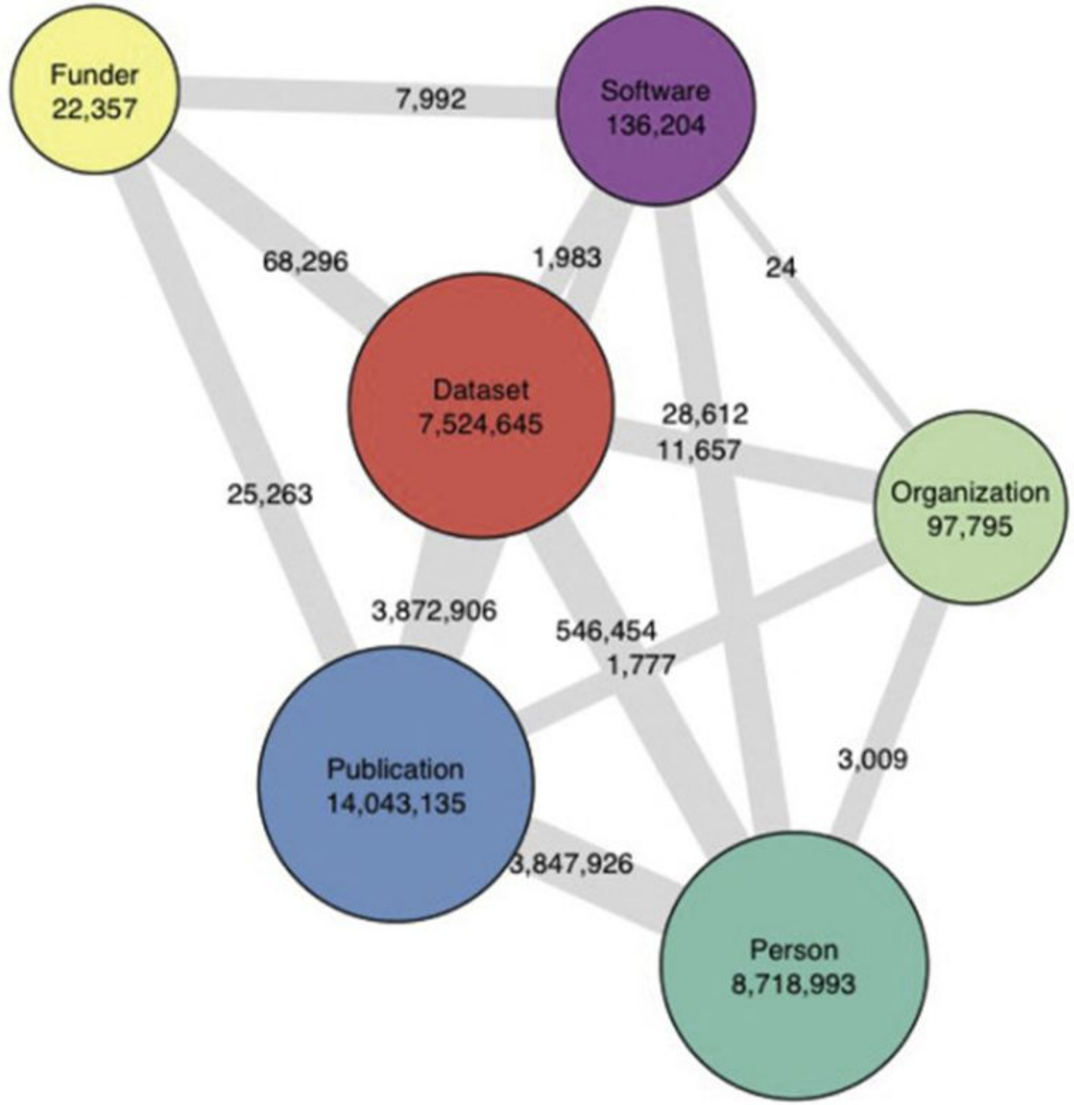
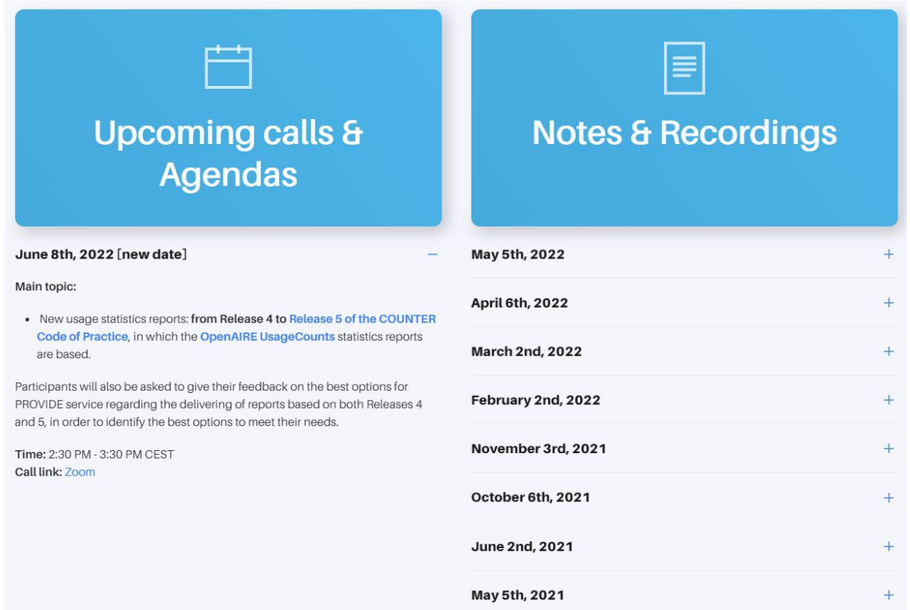


Figure 1 Connections between Entities in the PID Graph, August 2020

- **joining communities to share knowledge and fostering Open and FAIR Science**
  - participation in the further development of the guidelines
- **offer training and support for metadata interoperability** **(contact: helpdesk@openaire.eu)**
- **make your research fairly available thru the European Open Science Cloud (EOSC).**

Community Calls



www.openaire.eu/provide-community-calls

https://www.openaire.eu/newsletters

#OpenAIRE_CommunityCalls
#ProvideCommunity

OpenAIRE

European Commission

Join us!

euroCRIS
Current Research Information Systems

- euroCRIS Strategic Membership - Autum 2022 Meeting from Nov. 30 to Dec. 1 2022, in Nijmegen (Netherlands).
- Newsletter sign up at https://eurocris.org/news
- Membership information at https://eurocris.org/membership-information

@openaire_eu

#OpenAIRE-Nexus

Questions ?

https://bit.ly/2rTgJwy

euroCRIS
Current Research Information Systems

THANK YOU

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http://www.openaire.eu/provide-community-calls

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