



Indicators for Institutions

OpenAIRE MONITOR

Acknowledge, understand and place thyselfes in the research landscape unlocking Research Excellence

Leonidas Pispiringas

Data Scientist & Technical Manager of the Institutional Dashboards in OpenAIRE Monitor

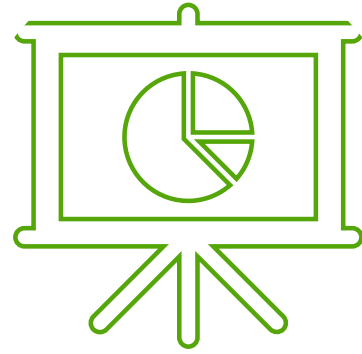


Go to <https://www.menti.com/>

Enter the code: 1495 4105

<https://www.menti.com/aldu8v62ase8>

WHY MONITOR?



Know Thyself

Resources
Research Output
Open Science
Uptake
Collaborations
Visibility
Impact



Understand Thyself

Pathways
Insights
Opportunities



Position Thyself

Decision making
Reporting
Story telling

WHY OPENAIRE MONITOR?

- **It's all about open science and open data**
 - Inclusiveness, transparency and replicability
- **Full coverage of Open Science**
 - Beyond publications: Research Data, Software, Other Research Products
 - Linked science
- **Relevance for the community**
 - Co-develop indicators that make sense to all
- **Fully embedded in EOSC infrastructure**
 - Starting from content providers to included metrics



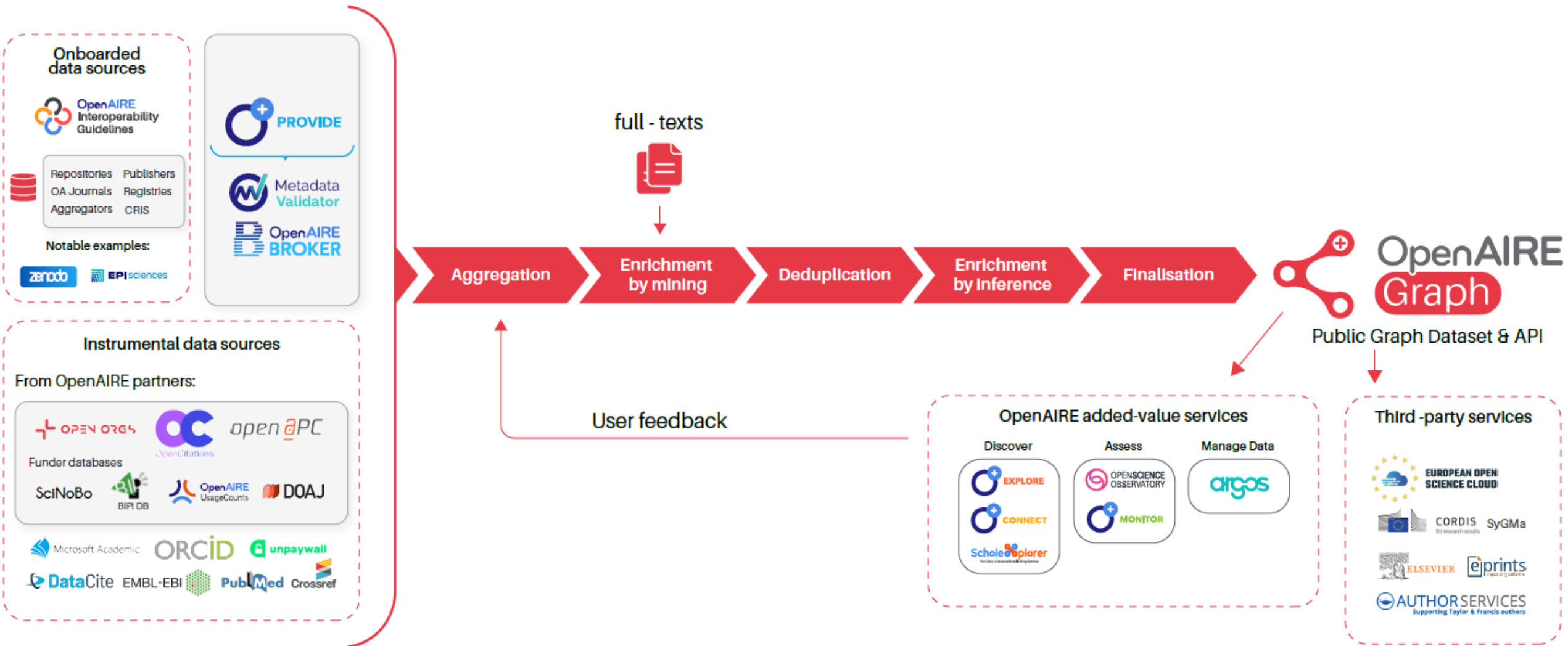
HOW? METHODOLOGICAL PRINCIPLES

- **Openness & transparency:** Assumptions are openly and clearly presented
- **Coverage & accuracy:** Based on data from multiple authoritative data sources with proven AI-driven mechanisms
- **Clarity & replicability:** Indicators documented, verified and used by the scholarly communication community
- **Readiness & timeliness:** Big data infrastructure operational workflows to warrant timely results

HOW?

BEING AN INTEGRAL PART OF THE GLOBAL OS ECOSYSTEM

OPENAIRE GRAPH PIPELINE



COVERAGE

SOURCES CONTRIBUTING TO THE OPENAIRE GRAPH



GitHub Applications Database
Software Heritage PRESERVING TECHNICAL KNOWLEDGE
elixir bio.tools

... and more **tools and software sources**



frontiers
PLOS Springer
F1000 Faculty of 1000

... and more **publishers**



CORDIS NSF DFG
Deutsche Forschungsgemeinschaft

... and more **European and international funders**



unpaywall
OpenCitations Microsoft

... and more **research graphs**



DataCite re3data.org ROR
REGISTRY OF RESEARCH DATA REPOSITORIES
Crossref OpenDOAR ORCID
FAIRsharing.org standards, databases, policies
... and more **registries**



LA Referencia Red de repositorios de acceso abierto a la ciencia
SciELO DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

... and more **aggregators**



Cornell University Library
arXiv.org RePEc
PubMed HAL archives-ouvertes.fr
zenodo Research. Shared.

... and more **thematic and institutional repositories**

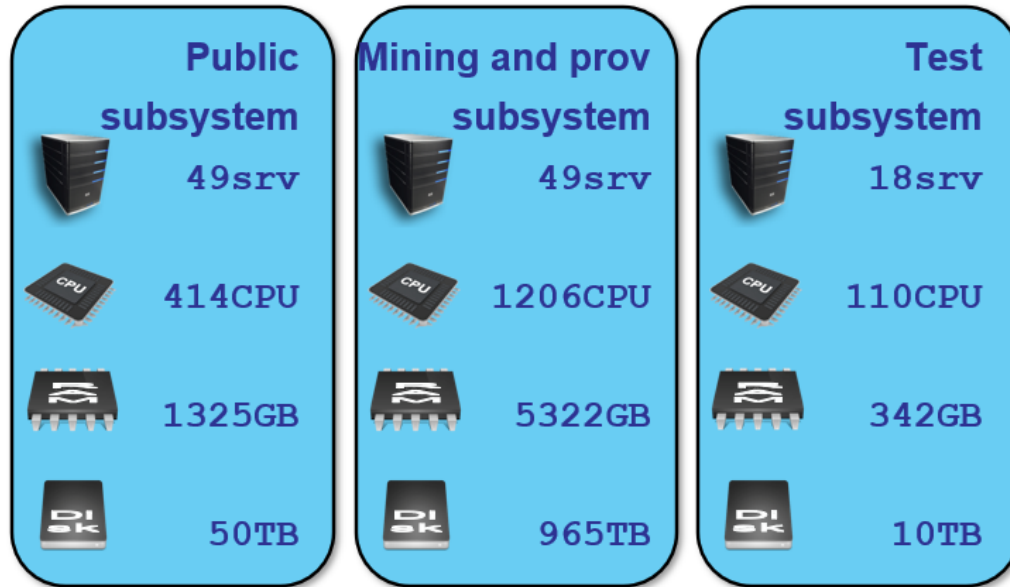


DARIAH-EU elixir
EPOS EUROPEAN PLATFORM FOR OPEN PUBLISHER SYSTEMS
ECRIN EUROPEAN CLINICAL RESEARCH INFRASTRUCTURE NETWORK
EOSC-Life
esi

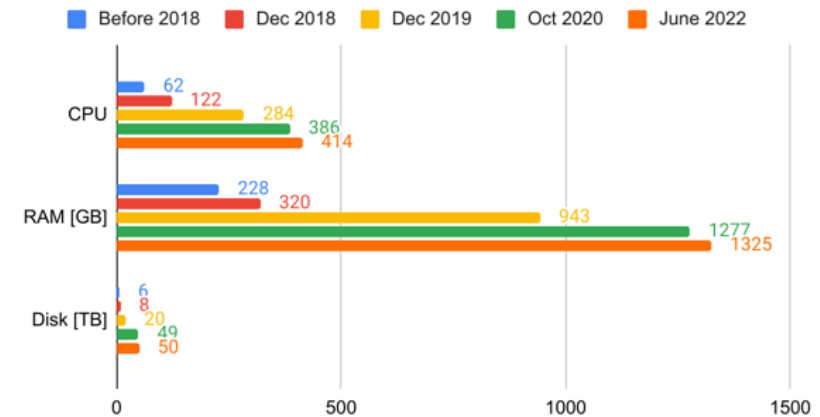
... and more **infra and RI sources**

HOW?

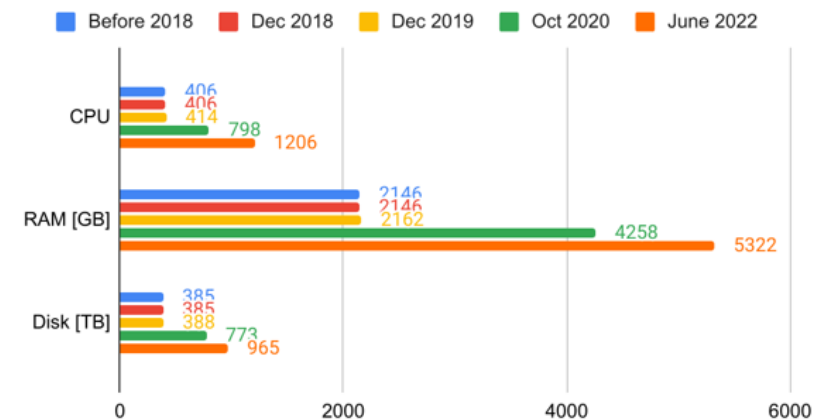
BEING AN INTEGRAL PART OF THE GLOBAL OS ECOSYSTEM SYSTEM INFRASTRUCTURE



Public subsystem resources



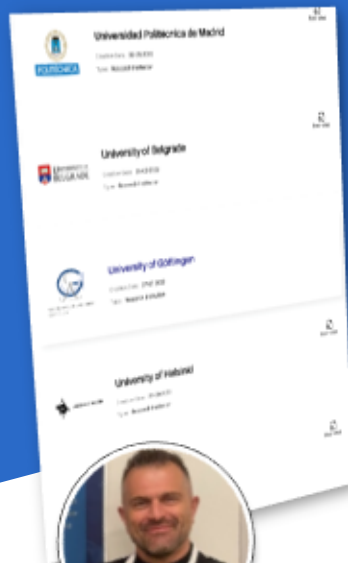
Data mining and provision subsystem resources



WHAT? DASHBOARD ON DEMAND

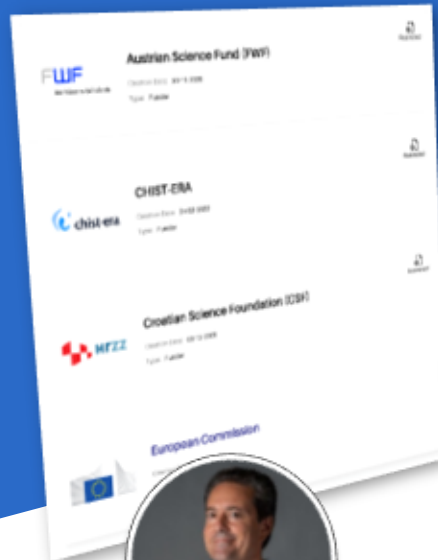


Institutions



Your OpenAIRE expert
Leonidas Pispiringas

Funders



Your OpenAIRE expert
Harry Dimitropoulos

Research Initiatives



Your OpenAIRE expert
Alessia Bardi



Countries

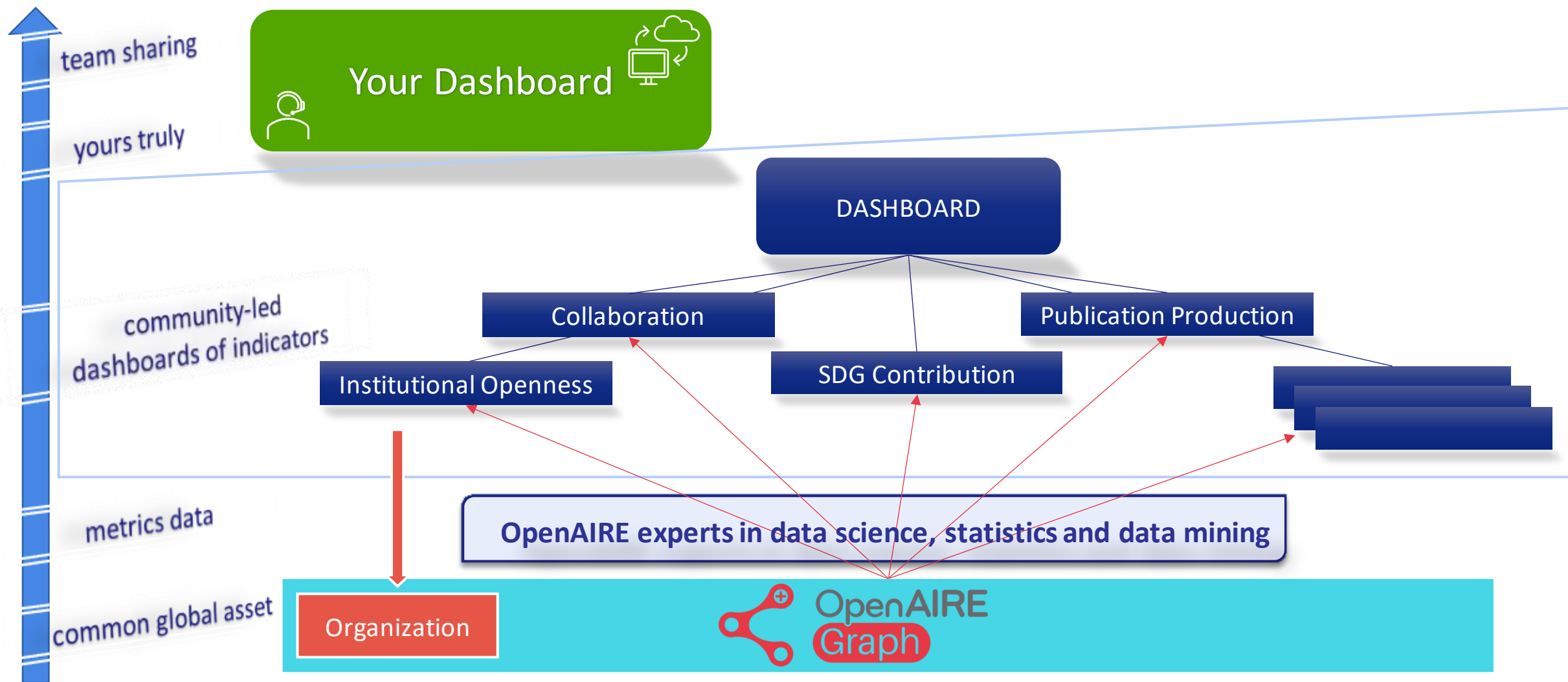


Your OpenAIRE expert
Ioanna Grypari

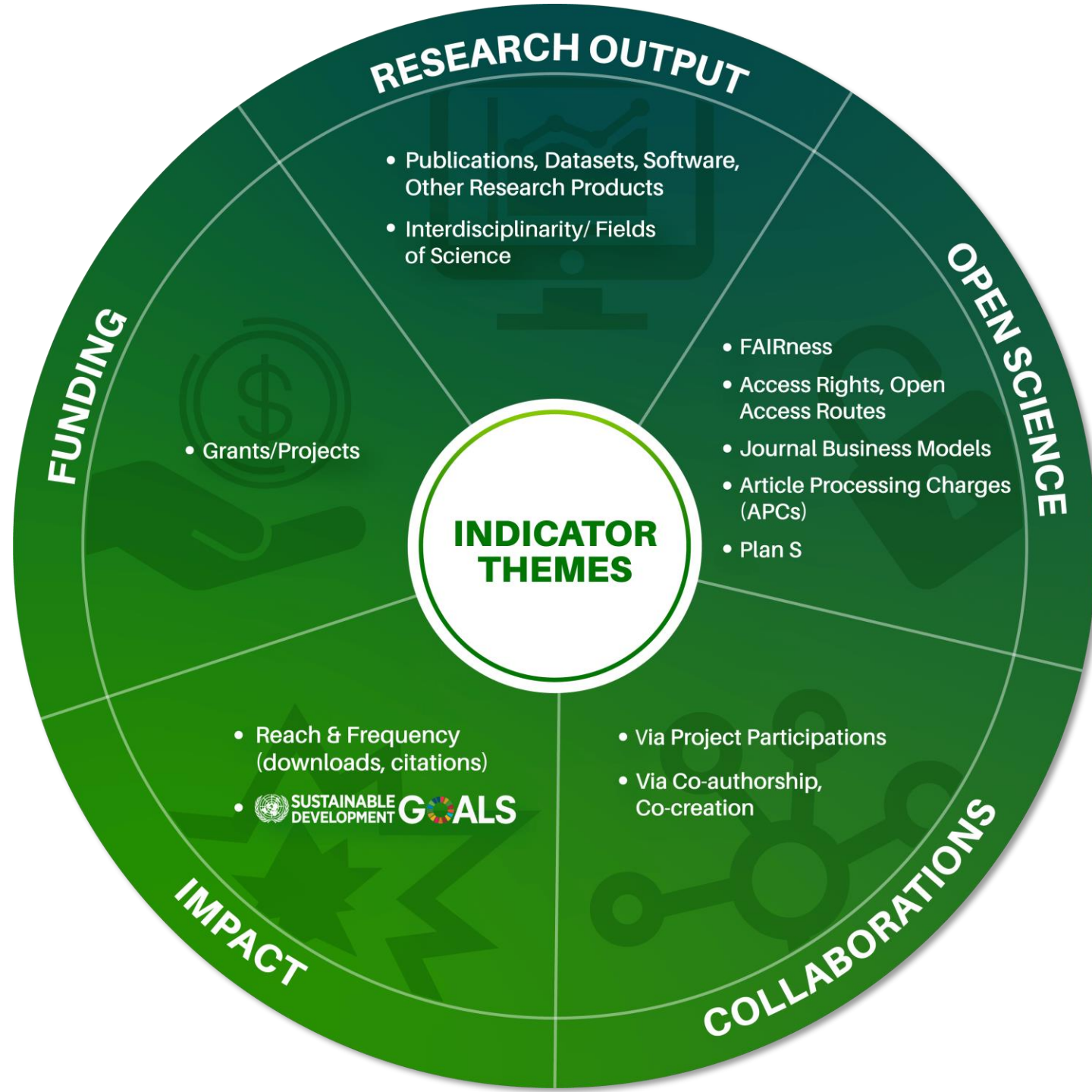
<https://monitor.openaire.eu/>

<https://osobservatory.openaire.eu/>

DASHBOARD ON DEMAND? WHAT DOES IT MEAN?



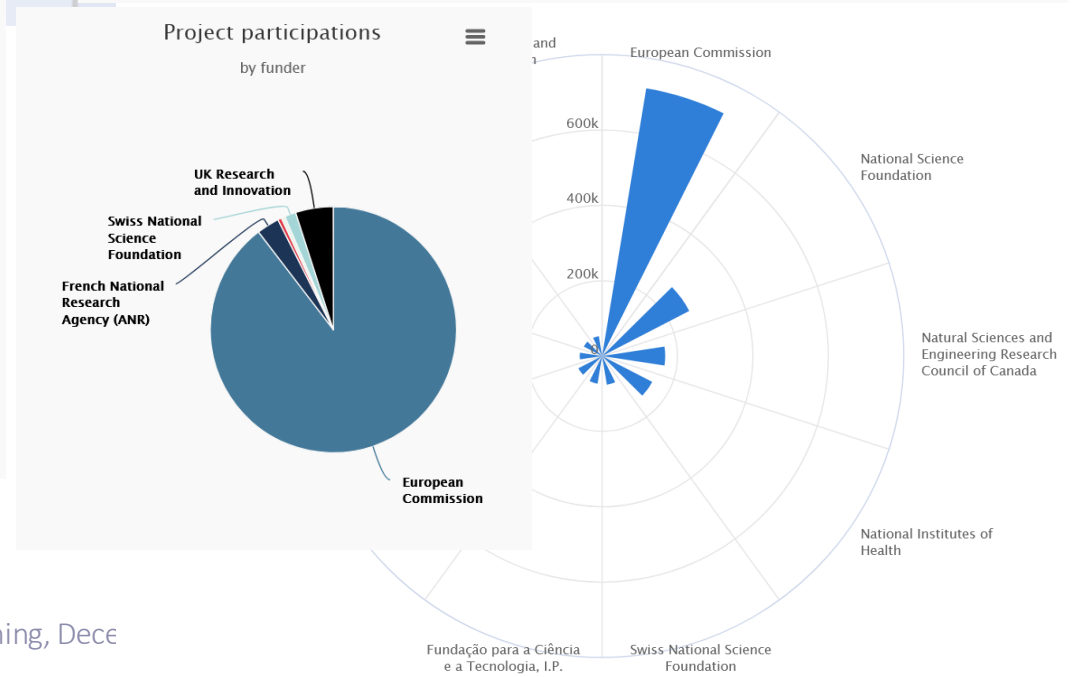
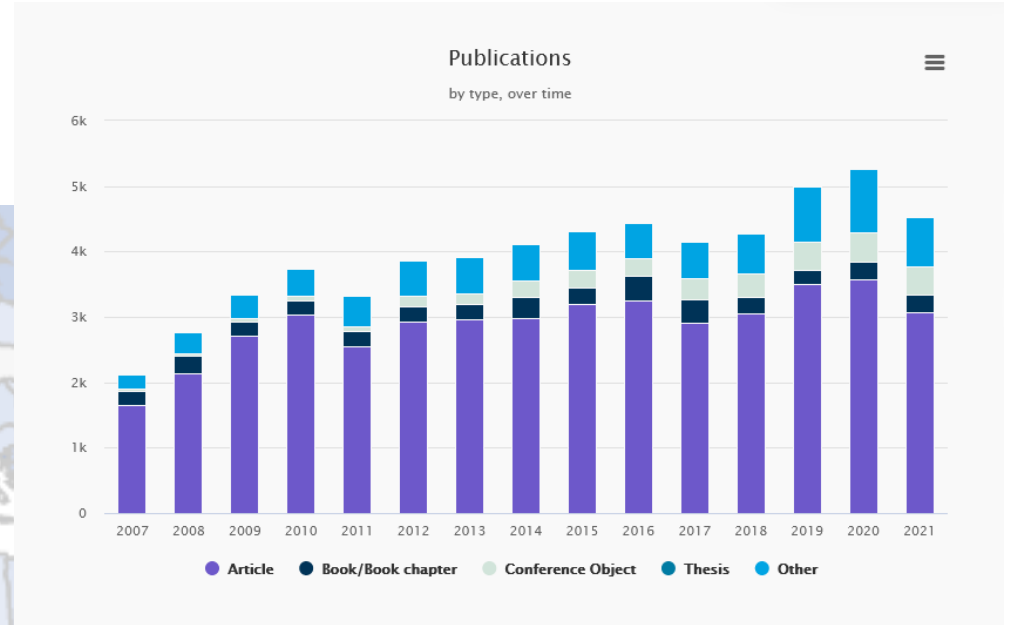
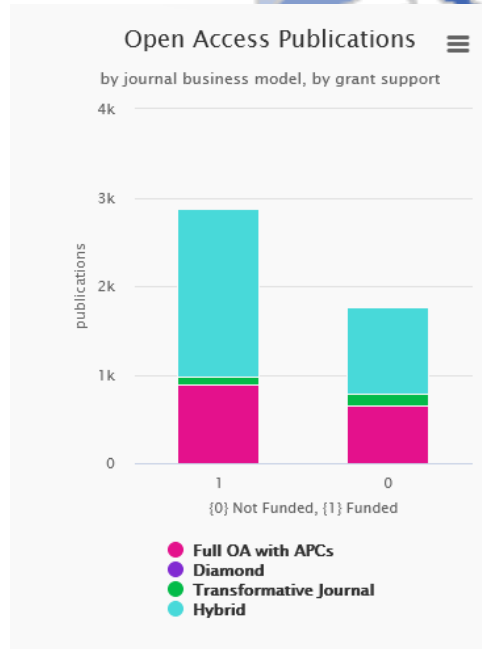
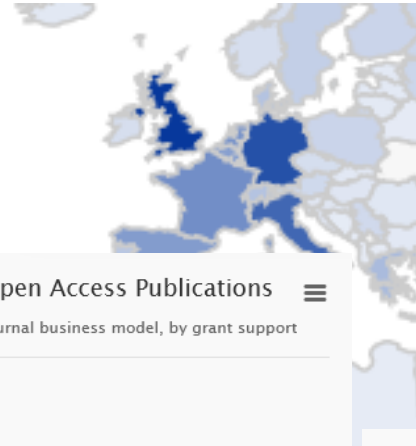
WHAT? INDICATOR THEMES




WHAT? INDICATORS BREAKDOWN

By fields of interest

- research product type
- domains (FoS)
- time
- countries
- data sources
- funders
- ...



WHAT? FEATURES

- **User-friendly** dashboards
 - interactive visualizations
 - exporting capabilities (download data & visualizations in different formats)
 - filtering
 - browsing via direct links to  EXPLORE
 - editing of visualizations
- **Control** how you share
 - **Public** indicators for external stakeholders – **Showcasing**
 - **Restricted** indicators for **team-members** – **Internal Monitoring**
 - **Private** indicators for “work in progress” – **Reviewing**
- **Customize & validate** in one-on-one sessions with our experts

WHAT? ONE-ON-ONE EXPERT CONSULTATIONS

- Dashboard features, editing and user management
- Indicator feedback and development
- Data quality and validation (data sources, deduplication, etc.)

Demo

DATA QUALITY & VALIDATION

- **De-duplicate organizations** (multiple names)
- Identify **parent-child relationship** (departments/schools, etc.)

- Data sources (repositories, OA Journals, CRIS systems) at your institution
- Register & Validate your data sources
- Share your content (<https://guidelines.openaire.eu>)



University of Minho

ID: openorgs____:0000098529
 Created at June 28, 2021 15:54:22 by claudio.atzori@isti.cnr.it
 Modified at May 25, 2022 17:43:39 by repositorium@sdum.uminho.pt

Metadata Management Duplicates **new** Conflicts Note History ↕

| Current organization | |
|--------------------------|---|
| Name | University of Minho |
| Type | Education |
| Place | Braga, PT |
| Acronyms | UMINHO |
| Also known as | University of Minho University of Minho Universidade do Minho |
| Urls | http://www.uminho.pt/en www.uminho.pt |
| Other identifiers | RingGold:56059 (RingGold) https://ror.org/037wpkx04 (ROR) 0000 0001 2159 175X (ISNI) 42869705 (OrgRef) Q29673 (Wikidata) ISNI:000000012159175X (ISNI) 999995505 (PIC) 501100007319 (FundRef) DGEEC:1000 (DGEEC) NIF:502011378 (NIF) grid.10328.38 (GRID) |

| Duplicates | | | |
|---|-----------------------|---------|--|
| Related organization | Acronym | Country | Source |
| UNIVERSIDADE DO MINHO URL: | | UNKNOWN | Original Id: anr_____: ea45fd6bb0e71fb991e4166f9c67eb9 Added by: claudio.atzori@isti.cnr.it |
| UNIVERSIDADE DO MINHO PID (PIC): 999995505 URL: https://www.uminho.pt/ , http://www.uminho.pt legal body legal person non profit research organization higher education | UMINHO | PT | Original Id: corda_____: 999995505 Added by: claudio.atzori@isti.cnr.it |
| UNIVERSIDADE DO MINHO PID (PIC): 999995505 URL: https://www.uminho.pt/ legal body legal person non profit research organization higher education | UMINHO | PT | Original Id: corda__h2020: 999995505 Added by: claudio.atzori@isti.cnr.it |
| UNIVERSIDADE DO MINHO PID (PIC): 999995505 URL: https://www.uminho.pt/ legal body legal person non profit research organization higher education | UMINHO | PT | Original Id: corda____he: 999995505 Provenance: CORDA - Common Research DATA Warehouse - Horizon Europe |
| Universidade do Minho URL: | Universidade do Minho | PT | Original Id: doajarticles: Universidade_do_Minho Added by: claudio.atzori@isti.cnr.it |
| Universidade do Minho PID (RingGold): RingGold:56059 PID (ISNI): ISNI:000000012159175X PID (DGEEC): DGEEC:1000 | UM | UNKNOWN | Original Id: fct_____: 659 Provenance: FCT - Fundação para a Ciência e a Tecnologia Added by: claudio.atzori@isti.cnr.it |

OpenAIRE | PROVIDE WHY REGISTER YOUR REPOSITORY?

- Ensure OA publications from your system are accurately reflected.
- Facilitate the comprehensive coverage of your institutional dashboard in OpenAIRE MONITOR.
- Pre-requisites:
 - Expose your metadata records via the OAI-PMH protocol
 - Comply with the latest versions (v3.0, v4.0) of the OpenAIRE Guidelines



BENEFITS FOR REPOSITORIES

- Visible & richer content. Elevate repository records with precise validation and enrichment.
- Insights from detailed usage statistics
- Enrich your records' metadata from other sources harvested by OpenAIRE (OpenAIRE Broker)
- Simplify open access compliance, promoting effortless content dissemination
- Linked science (Links from/to research products)
- Up-to-date collection (alerts, enrichments, additions)
- Fully embedded in EOSC infrastructure
- **Accurate and qualitative metrics**

NATIONAL OA MONITOR, IRELAND



Thank you for listening!
leonidas.pispiringas@openaire.eu