

NEXUS

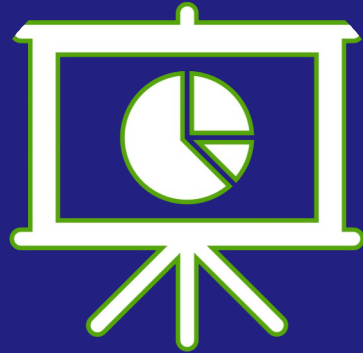
# OpenAIRE **MONITOR** 1<sup>st</sup> Community Call (focus: Funders)

A New Era of Monitoring Research

Harry Dimitropoulos  
Ioanna Grypari  
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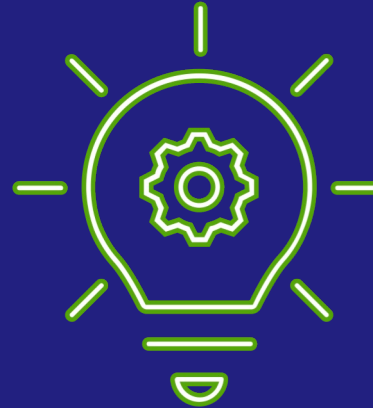
Leonidas Pispiringas  
OpenAIRE

# 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?

- **Relevance for the community**
  - Co-develop indicators that make sense to all
- **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
- **Fully embedded in EOSC infrastructure**
  - Starting from content providers to included metrics

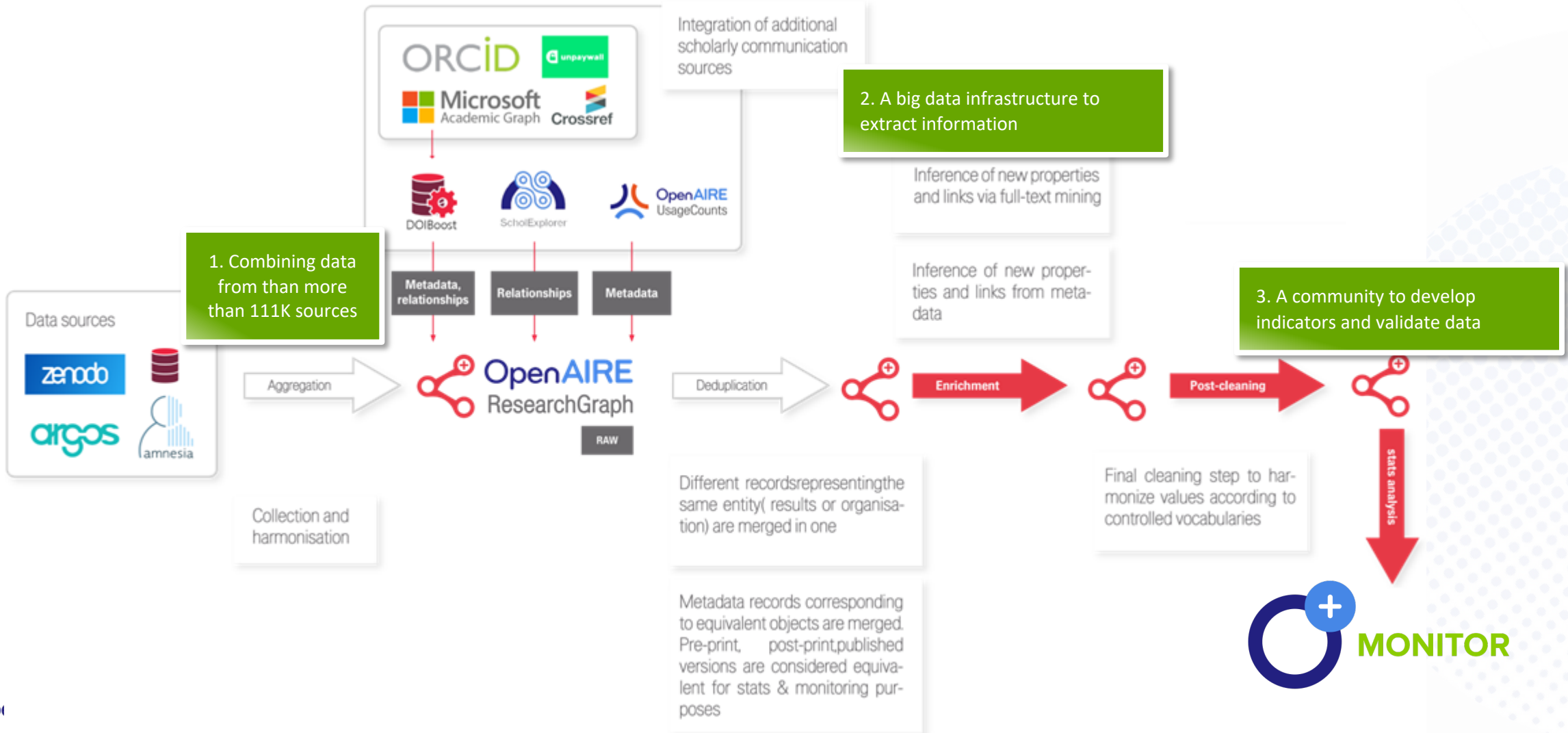


# How? Methodological Principles

- **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 Research Graph Pipeline

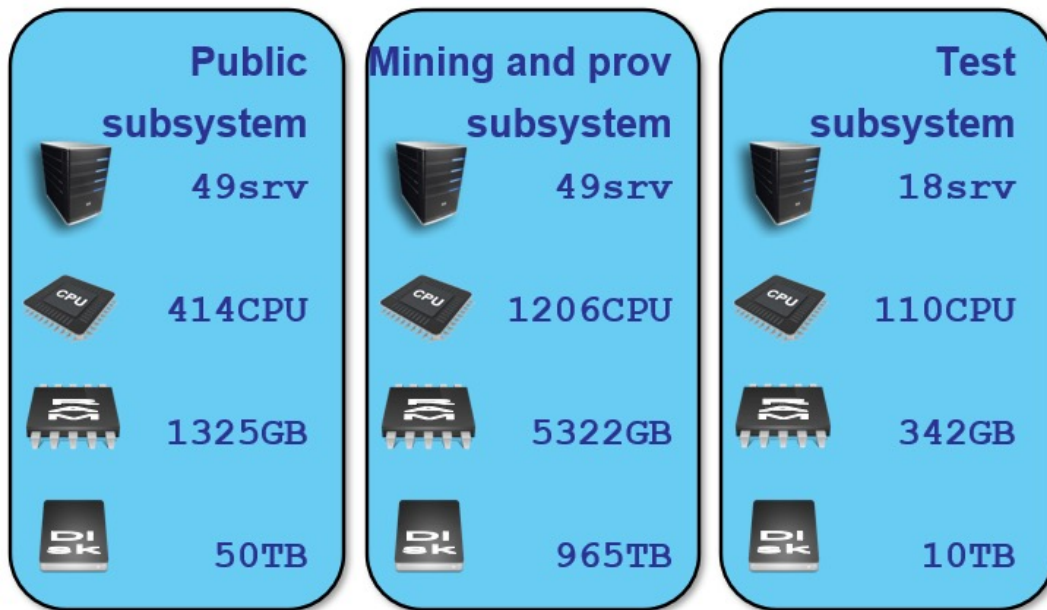


# OpenAIRE

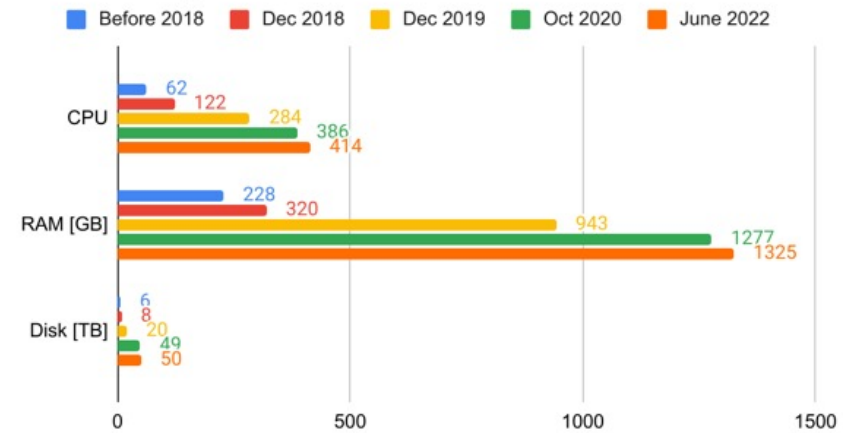
- A comprehensive and open dataset of research information covering
  - 146m publications,
  - 18m research data,
  - 312k research software items,
  - from 111k data sources,
  - linked to 3m grants,
  - from 25 funders,
  - and 180k organizations.
- All linked together through citations and semantics.

# How? Being an integral part of the global OS ecosystem

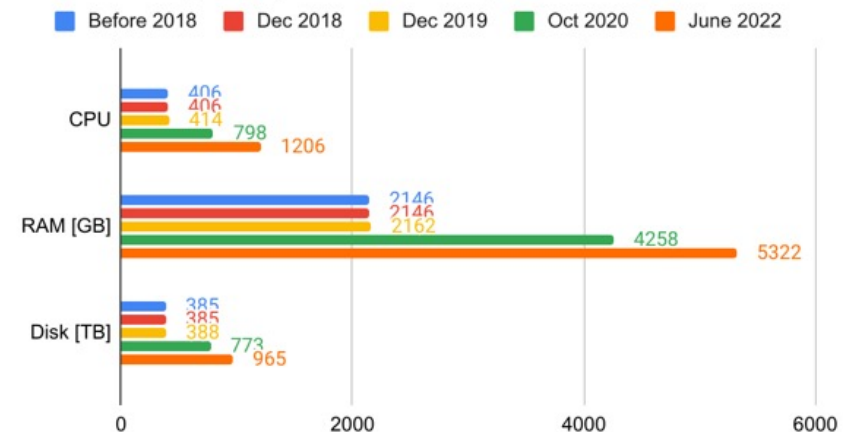
## System Infrastructure



Public subsystem resources



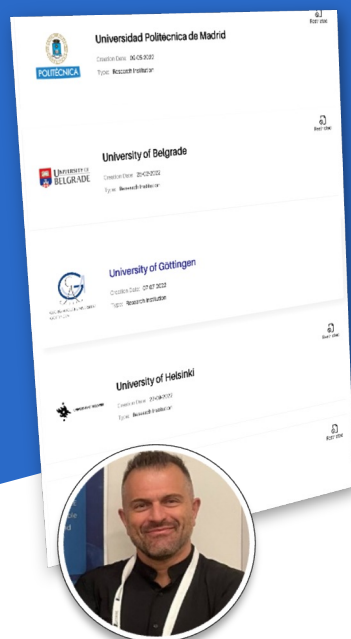
Data mining and provision subsystem resources



# What? Dashboard on Demand

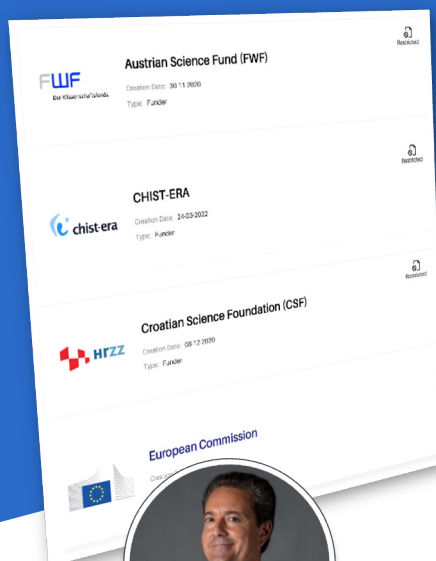


## Institutions



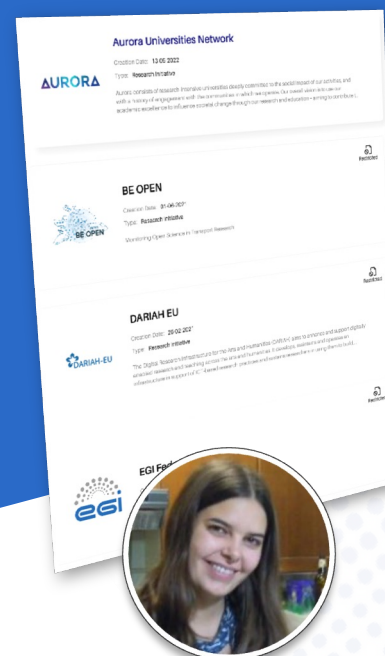
Your OpenAIRE expert  
Leonidas Pispiringas

## Funders



Your OpenAIRE expert  
Harry Dimitropoulos

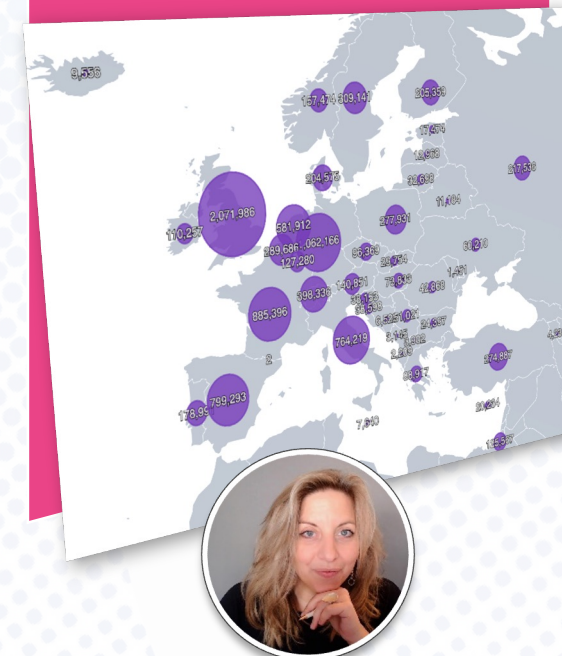
## Research Initiatives



Your OpenAIRE expert  
Alessia Bardi



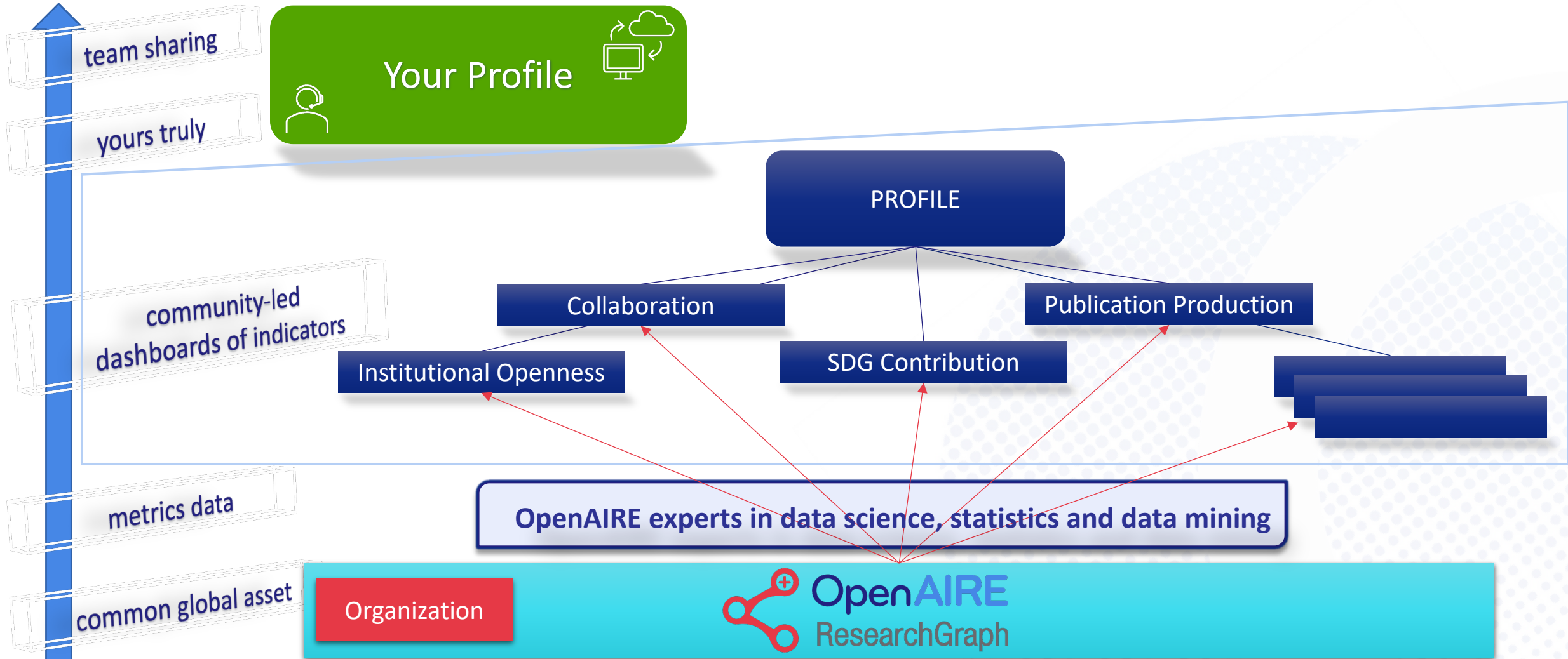
## Countries



Your OpenAIRE expert  
Ioanna Grypari



# Dashboard on demand? What does it mean?



# What?

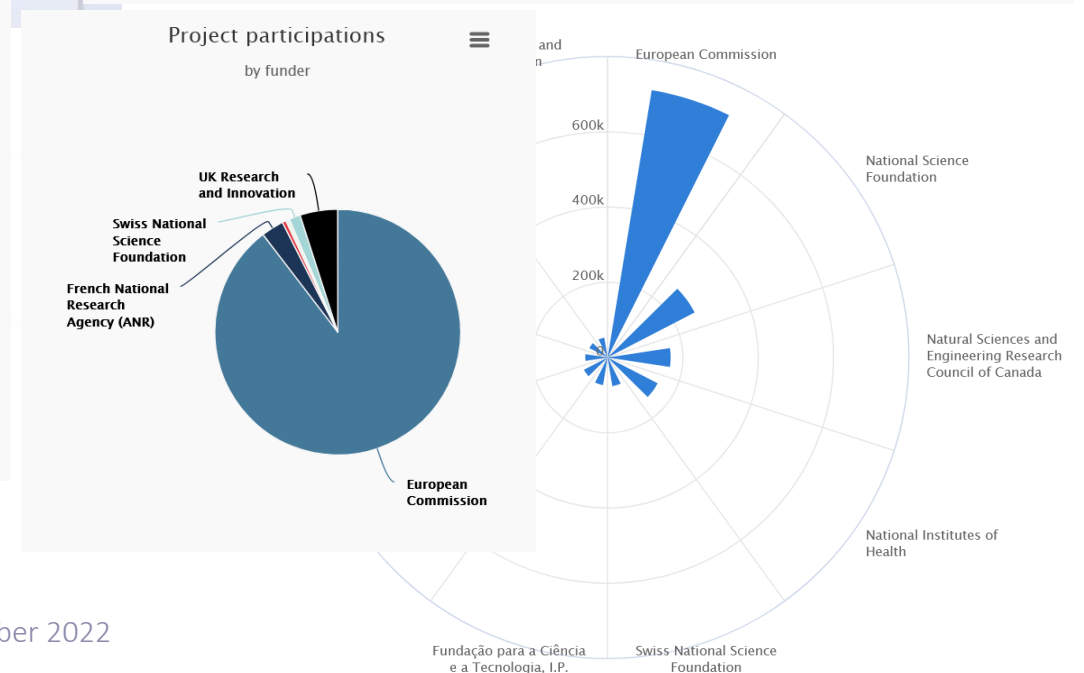
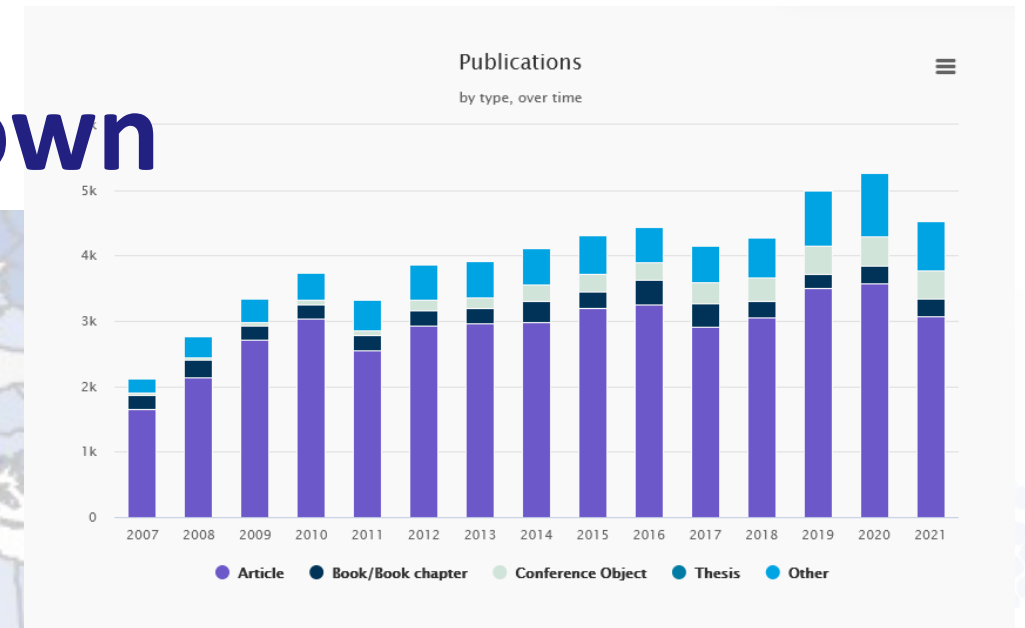
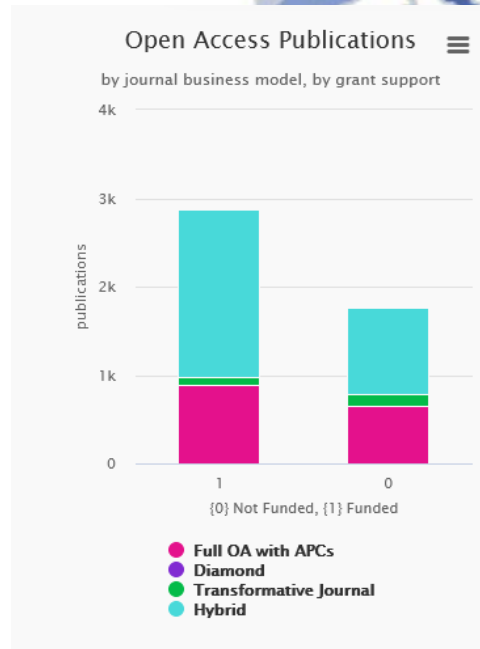
## Indicator themes




# 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 
  - 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.)



## Grant

# FUNDERS: HOW TO JOIN

### Mandatory

- Project identifier
- Project title or acronym
- Funder name (e.g. Wellcome Trust, EC)
- Start date
- End date

### Optional

- Funding stream(s) – funding categories for more detailed statistics
- Organization(s) involved
- Recommended acknowledgement statements
- Start year/date Open Access mandates for datasets and publications
- Project's description
- Budget of the projects\*
- Budget per participant\*

- a limited metadata set is required from funders in simple file formats (e.g.: .csv, .xlsx, .tsv, etc.)
- formalised via an Agreement for Data Exchange → MoU
- no personal or private details are required.

*\* Budget information support the realisation of monitoring services for the institutions.*

# Demo

1. Front-end Indicator Themes, Documentation, Visualisations
2. User registration and management
3. Functionalities of the back-end administrator interface: How to set up shop

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

# THANKS

## Email

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## Twitter

[@openaire\\_eu](https://twitter.com/openaire_eu)



<https://www.openaire.eu/the-new-openaire-monitor-brand-new-dashboards-and-features>



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



# Support slides

# 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@s dum.uminho.pt

Metadata Management Duplicates new Conflicts Note History ↻

Current organization	
<b>Name</b>	University of Minho
<b>Type</b>	Education
<b>Place</b>	Braga, PT
<b>Acronyms</b>	UMINHO
<b>Also known as</b>	University of Minho University of Minho Universidade do Minho
<b>Urls</b>	<a href="http://www.uminho.pt/en">http://www.uminho.pt/en</a> <a href="http://www.uminho.pt">www.uminho.pt</a>
<b>Other identifiers</b>	RingGold:56059 (RingGold) https://ror.org/037wpxk04 (ROR) 0000 0001 2159 175X (ISNI) 42869705 (OrgRef) Q29673 (Wikidata) ISNI:00000012159175X (ISNI) 999995505 (PIC) 50110007319 (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_____:ea45fd6bbe71fb991e4166fc9c67eb9 Added by: claudio.atzori@isti.cnr.it
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UNIVERSIDADE DO MINHO PID (PIC): 999995505 URL: <a href="https://www.uminho.pt/">https://www.uminho.pt/</a> <span style="background-color: #28a745; color: white; padding: 2px;">legal body</span> <span style="background-color: #28a745; color: white; padding: 2px;">legal person</span> <span style="background-color: #28a745; color: white; padding: 2px;">non profit</span> <span style="background-color: #28a745; color: white; padding: 2px;">research organization</span> <span style="background-color: #28a745; color: white; padding: 2px;">higher education</span>	UMINHO		Original Id: corda__h2020:999995505 Added by: claudio.atzori@isti.cnr.it
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Universidade do Minho URL:	Universidade do Minho		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

The logo consists of a dark blue circle with a white plus sign inside, followed by the text 'OpenAIRE' in dark blue and 'PROVIDE' in light blue, separated by a vertical line.

# OpenAIRE PROVIDE Benefits

- Visible & richer content
- Linked science (Links from/to research products)
- Up-to-date collection (alerts, enrichments, additions)
- Fully embedded in EOSC infrastructure
- **Accurate and qualitative metrics**