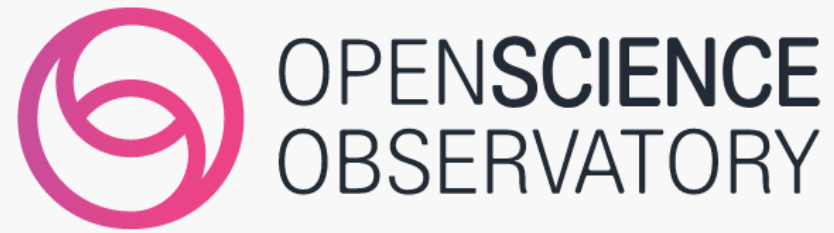




Ioanna Grypari
ATHENA Research Center



Monitoring Open Science

Monitoring Open Science – Why?

- **Better understand the Open Science landscape**
- **Monitor and enhance**
 - open science policy uptake
 - research activities & their impact on the society
- **See what works and what not**
- **Reveal hidden potential**
- **Compare at levels of interest (national, institutional, thematic)**
- **Promote good practices**

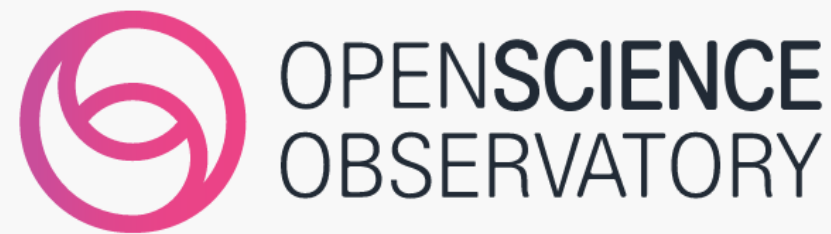


Monitoring Open Science – What?

- **Data-driven, evidence based-approach**
- **Indicators that are**
 - well-documented & transparent
 - reliable
 - relevant/actionable
 - timely
- **Visualizations**
 - turn numbers into insights



Monitoring Open Science – How?



monitoring

policy-making

story-telling

reporting

analysis

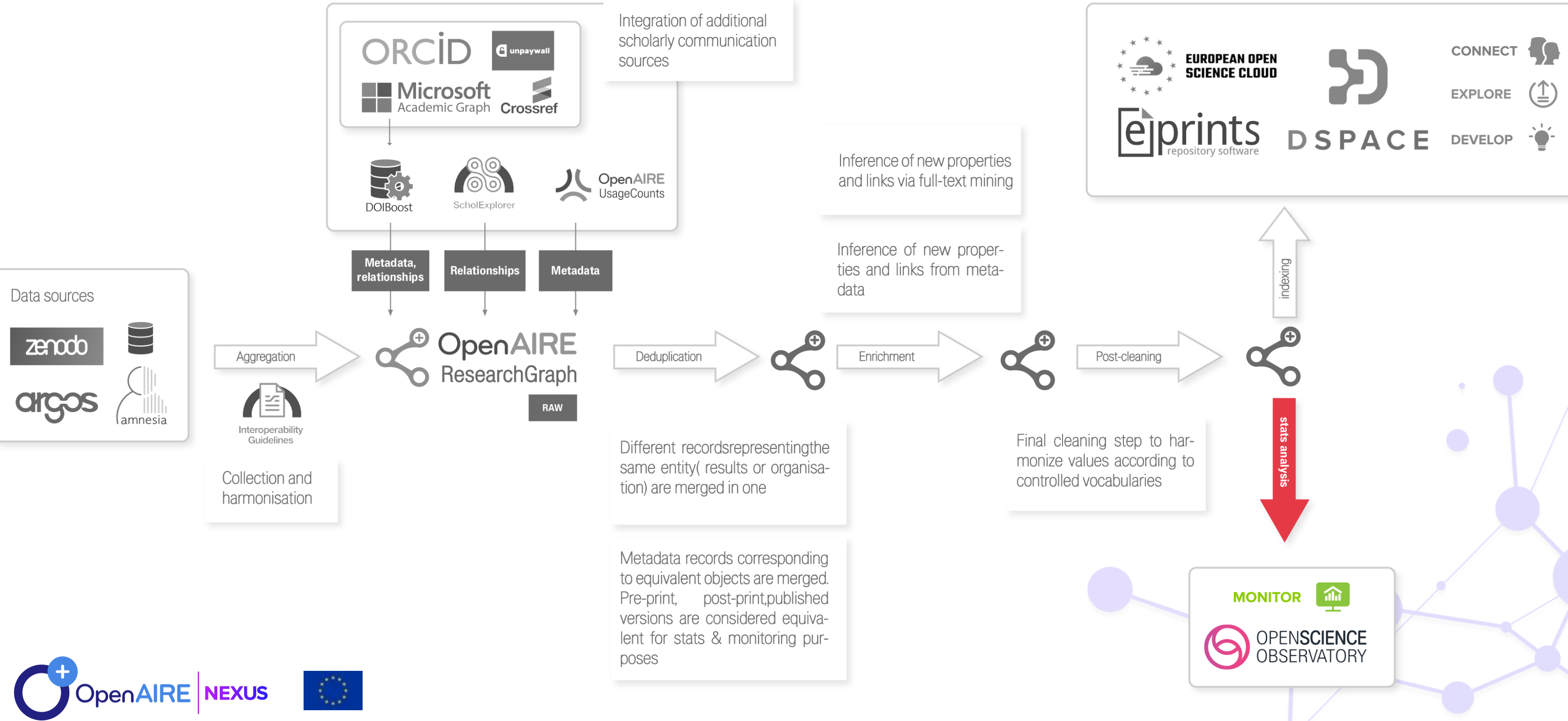


Monitoring Open Science – How?

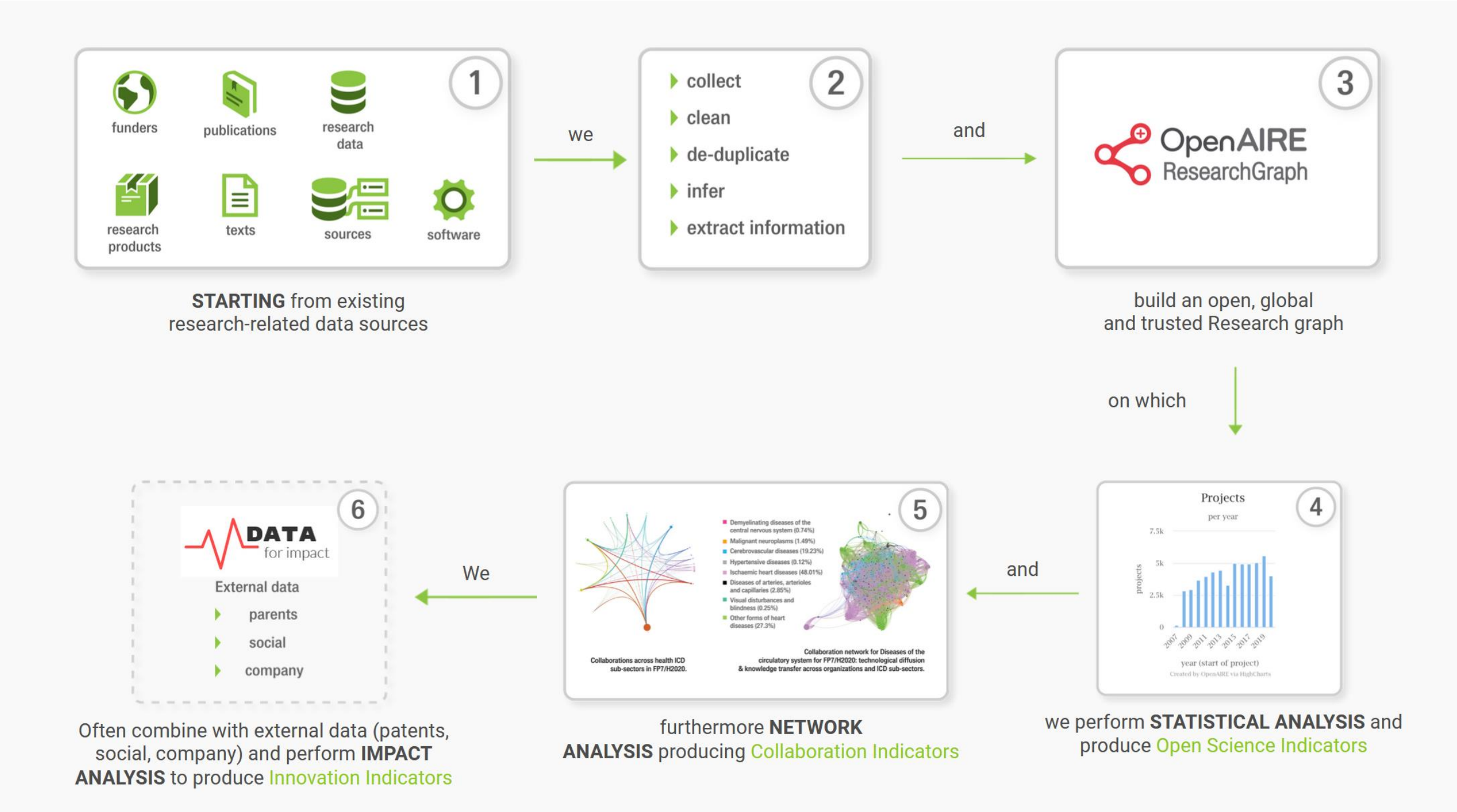
- Built on the OpenAIRE Research Graph
 - Linked scholarly information from open initiatives around the world. Beyond publications.
- Based on open science principles
 - Open data sources, Open APIs, well documented metrics and indicators.
- Customizable from the community
 - Predefined indicators. Add indicators as we go along. Different forms of visualization. Easily exportable.



Monitoring Open Science – How?



Monitoring Open Science – How?



Open Science Observatory

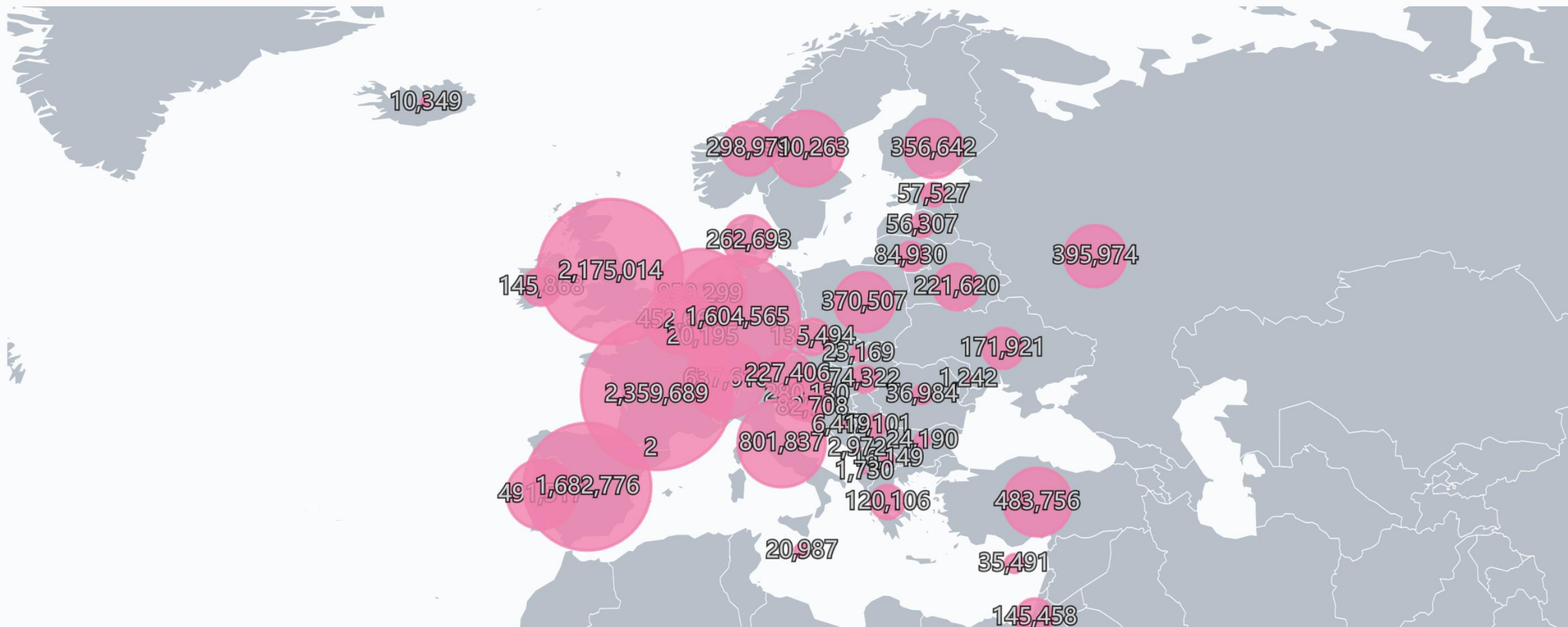
osobservatory.openaire.eu



HOME

OA IN EUROPE

METHODOLOGY



● OA publications ● OA datasets ● repositories ● journals

OPENAIRE MONITOR OBSERVATORY

An OpenAIRE service to:

- Better understand the European open research landscape
- Track trends for open access to publications, data, software
- Reveal hidden potential on existing resources
- View open collaboration patterns

Learn More

Open Science Observatory

osobservatory.openaire.eu

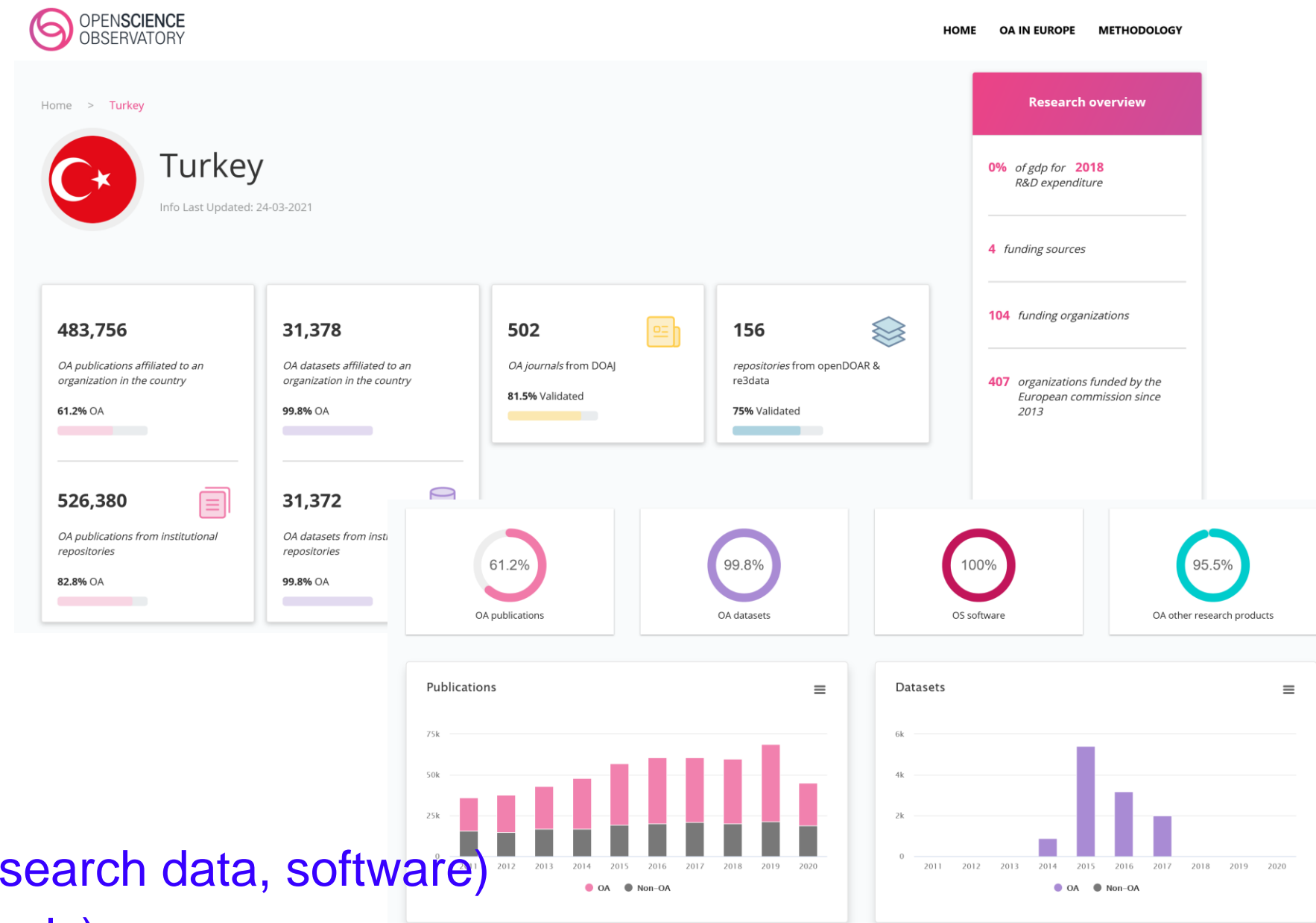
- Open science **uptake** across & within
 - Countries
 - Research domains (coming soon)

- Open Science Indicators**

- different openness metrics
- F.A.I.R. principles
- collaborations

- broken by **fields of interest**

- research outcomes (publications, research data, software)
- content providers (repositories, journals)
- institutions, etc.



OpenAIRE MONITOR

monitor.openaire.eu



EXPLORE

PROVIDE

CONNECT

MONITOR

DEVELOP

ABOUT

BROWSE

CONTACT US

SIGN IN 

A new era of monitoring research.

Open data. Open methodologies.

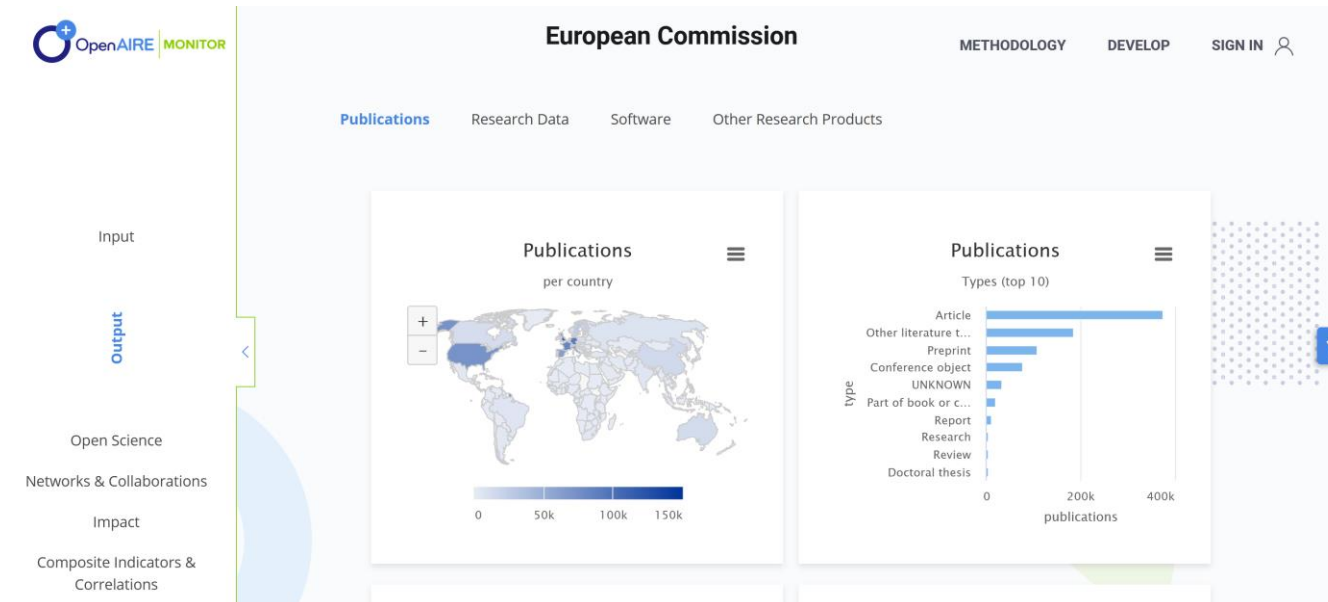
Work together with us to view, understand and visualize research statistics and indicators.



OpenAIRE MONITOR

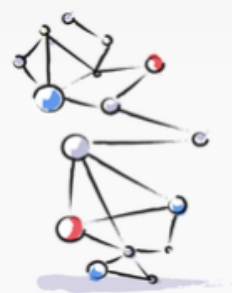
monitor.openaire.eu

- **Tailor-made on-demand tool for**
 - Funders
 - Institutions
 - Research Administrators
- **Customizable** (edit indicators/visualization)
 - Internal/private profile (invite team-members)
 - External/public profile
- Track **research activities** & their impact **across different dimensions of interest**
 - research outcomes (publications, research data, software)
 - Open Science uptake
 - Collaborations
 - academic, economic & societal impact



OpenAIRE MONITOR

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0. Starting from the OpenAIRE RESEARCH GRAPH



1. Provide us some information



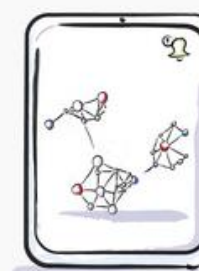
2. We get the ball rolling



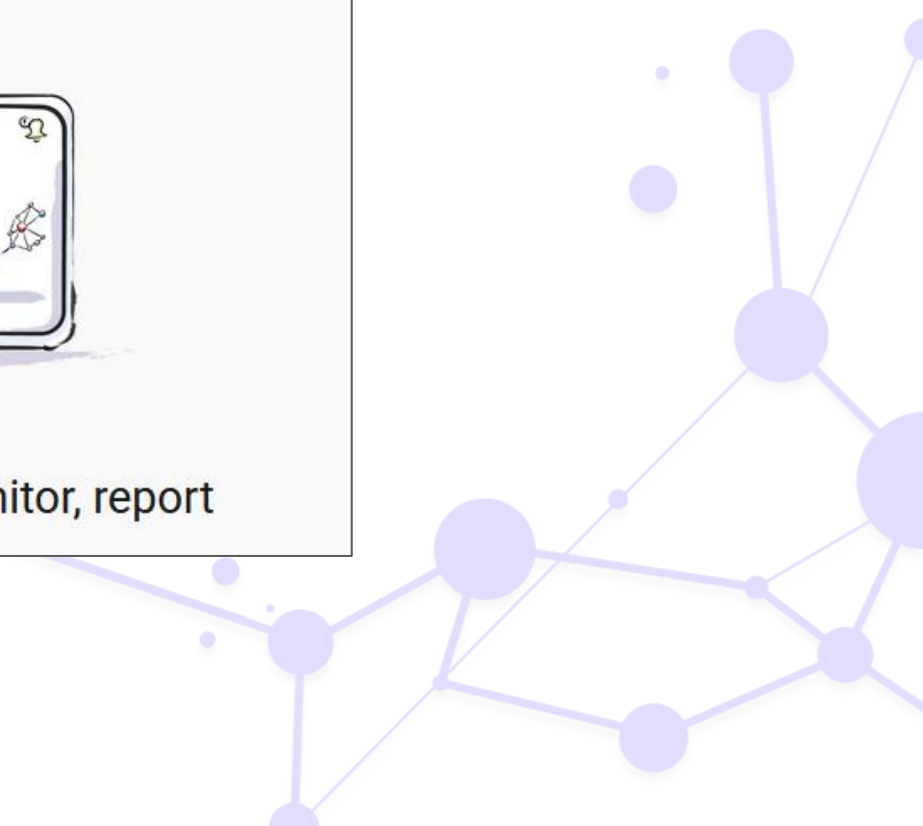
3. You validate



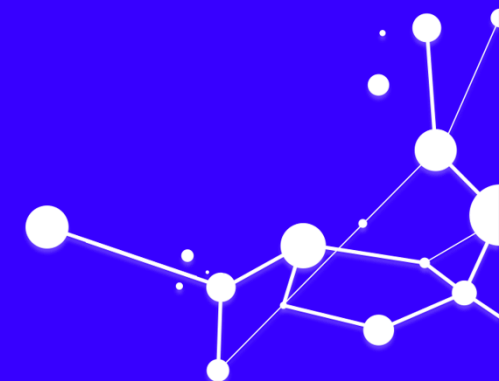
4. You set up your portal



5. You track, monitor, report



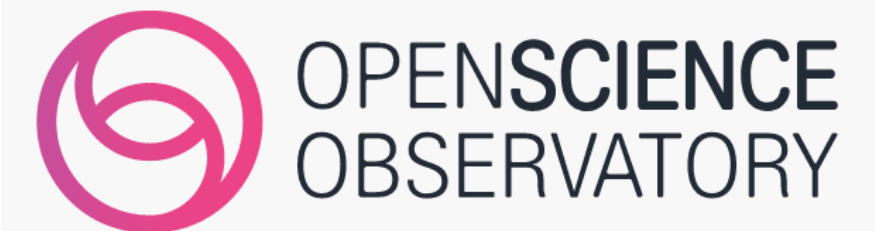
Take away



Takeaway

- **Data-driven** monitoring of open science & research activities for **evaluation, policy-making, reporting**

- **Open science uptake** (and its evolution) across/within **countries** & research domains (coming soon)



- Tailor-made & customizable **monitoring of research activities and their impact** for internal and external stakeholders





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#OpenAIRE-Nexus

THANK YOU

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