Практика открытой науки с OpenAIRE

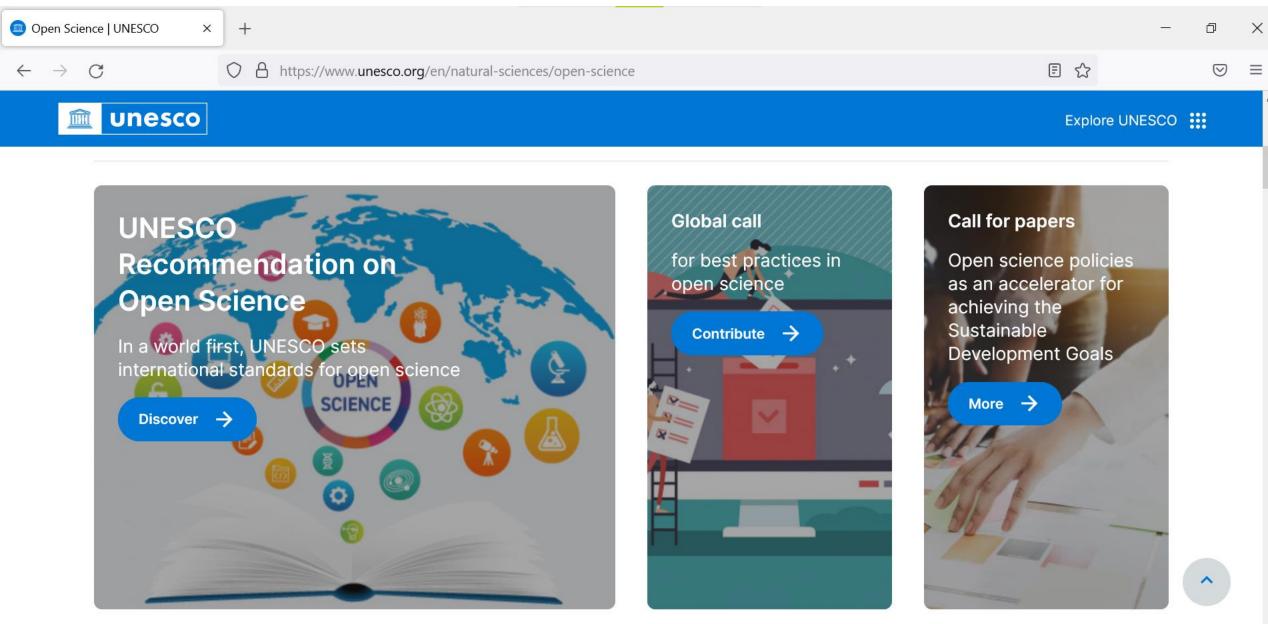
2nd NI4OS-Europe National Dissemination Event in Moldova May 5, 2022, online

> Iryna Kuchma, EIFL, OpenAIRE Giulia Malaguarnera, OpenAIRE





Attribution 4.0 International

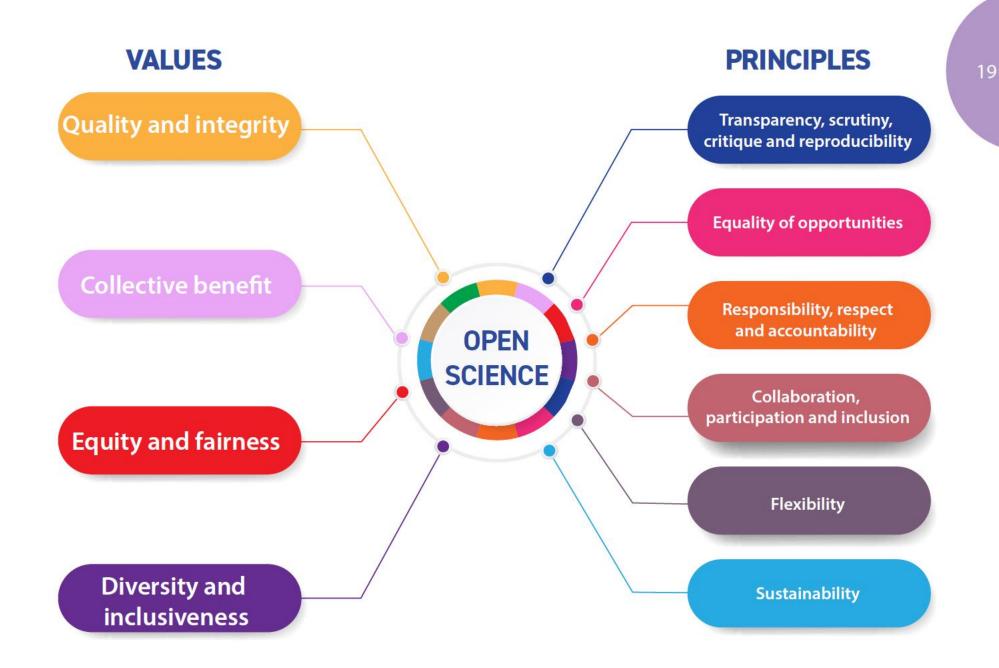


https://www.unesco.org/en/natural-sciences/open-science

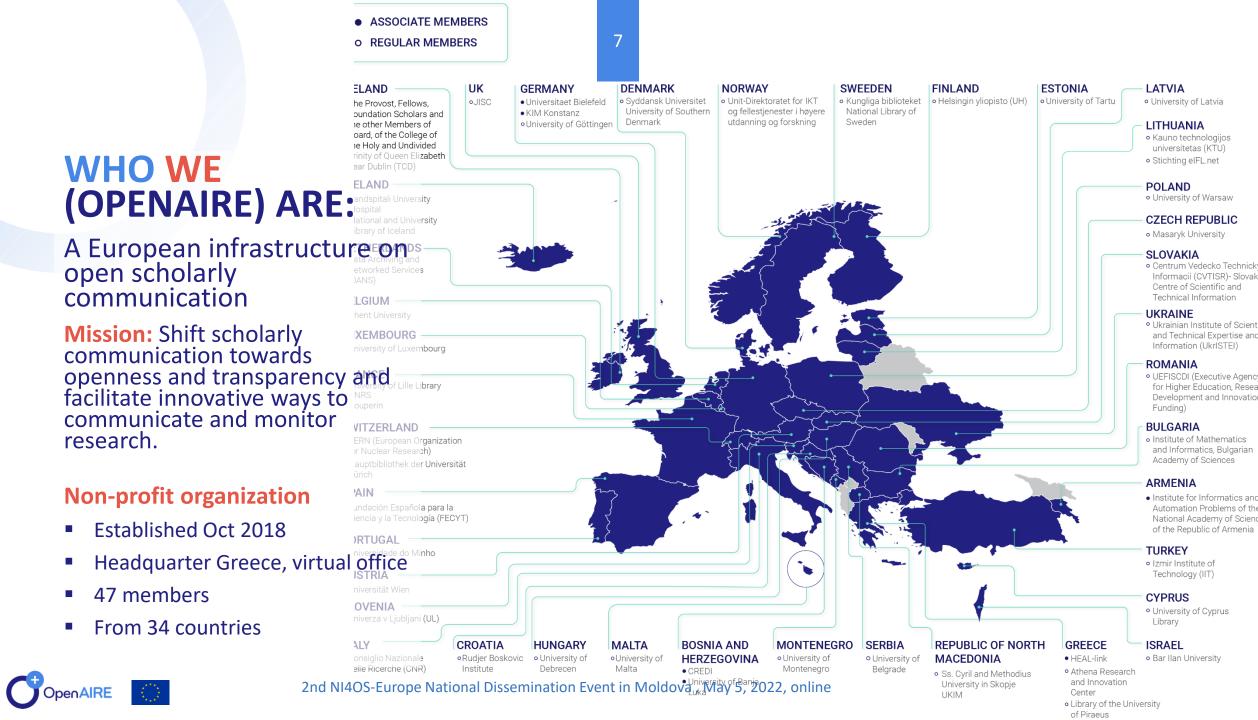
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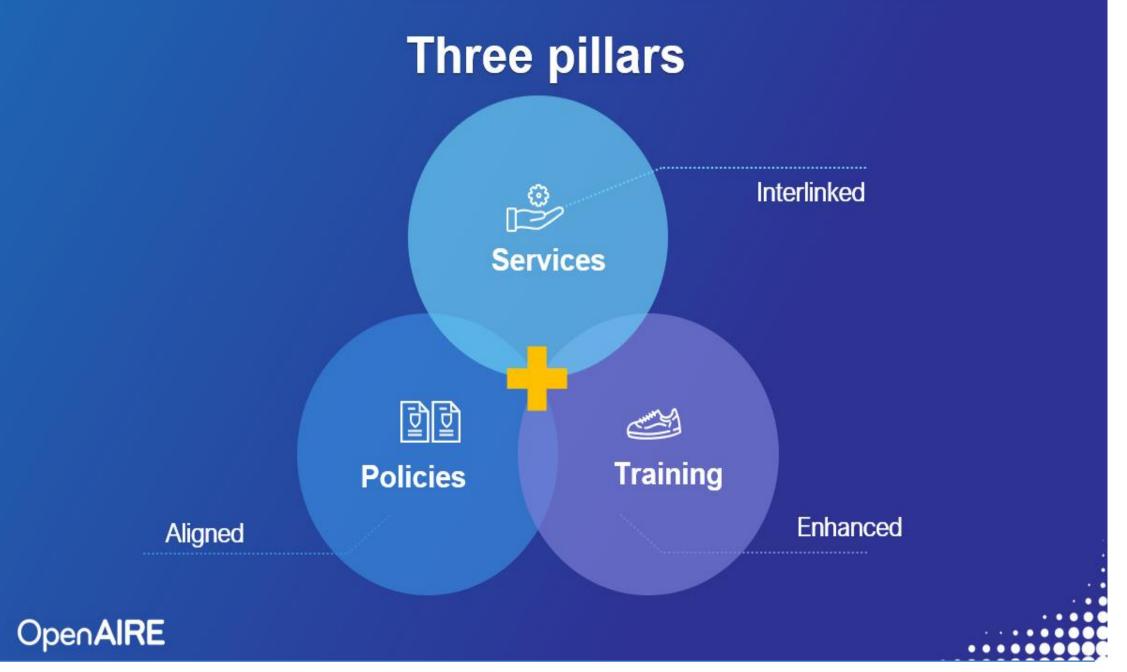












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Supporting Open Science

European (and beyond) infrastructure for Open Access and Open Science

Networking infrastructure: Open Access/Science advocacy and support, interoperability, global alignment on Open Science, National Open Access Desks, FAIRness of research data, citizen science, etc.

Technical infrastructure: services for, e.g., monitoring of Open Access/Science and Research Impact for funders and research infrastructures

CONNECT PROVIDE EXPLORE

DEVELOP MONIT

Engaging with Policy



Driving the development of Open Science in Denmark

🗀 country highlights 🍈 ANASTASIA ARITZI 🕔 09 Dec 2021 🕡 433 Hits 🖵 0 Comments



OpenAIRE is an important network



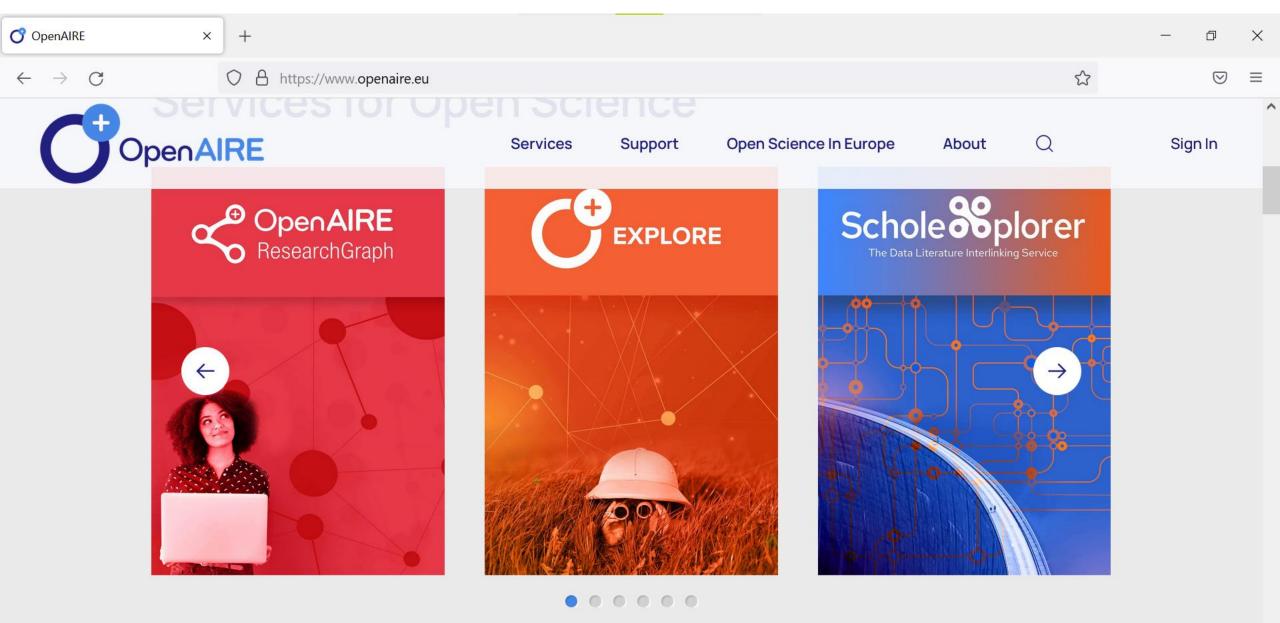
"Open Science can only become a reality through cultural change and this requires efforts towards achieving a common vision, through a common dialogue."

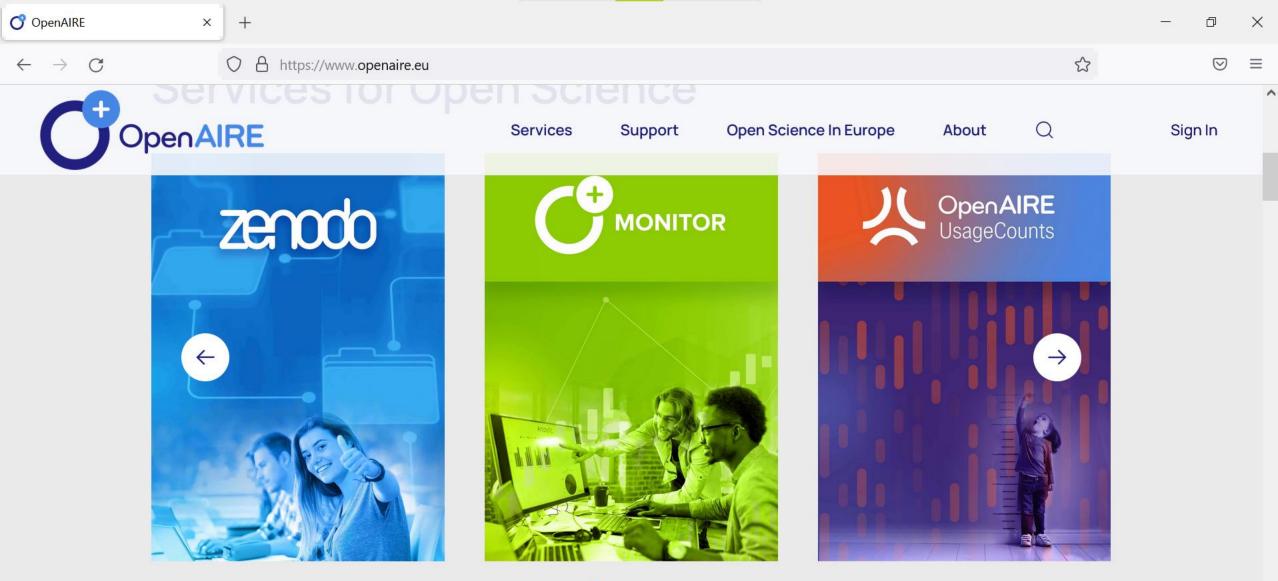
OpenAIRE Team has the pleasure of speaking to Alina Irimia, Open Science projects coordinator at UEFISCDI in Romania. Mrs Irimia, talked about the priority to connect and engage the Romanian community to the open science dynamics through a national dedicated platform that is now under development.

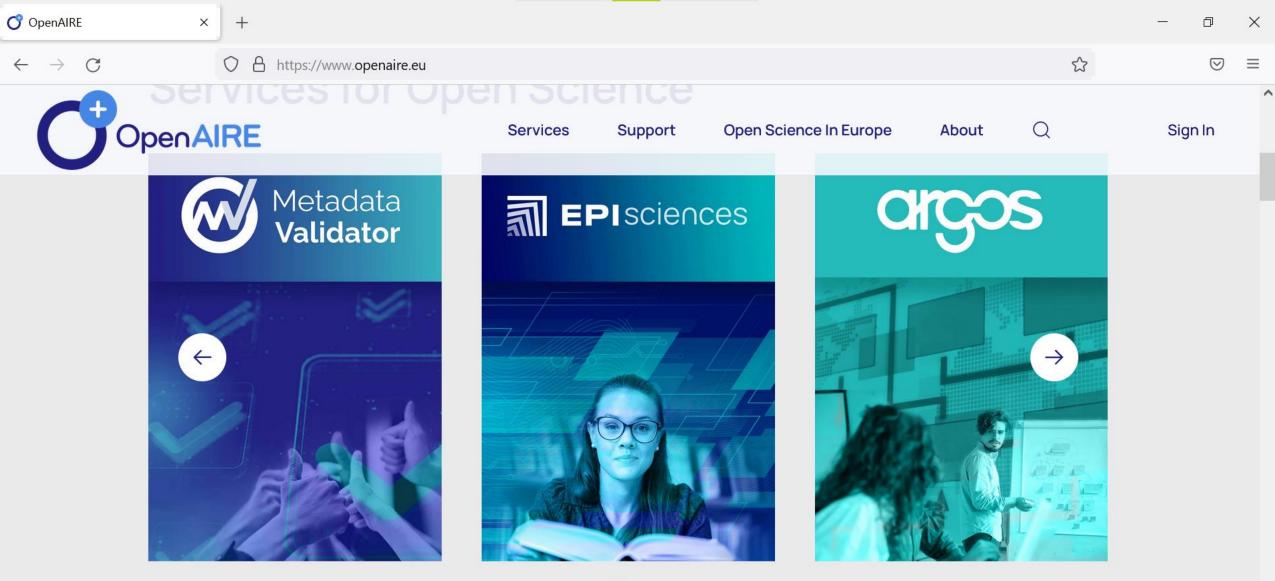


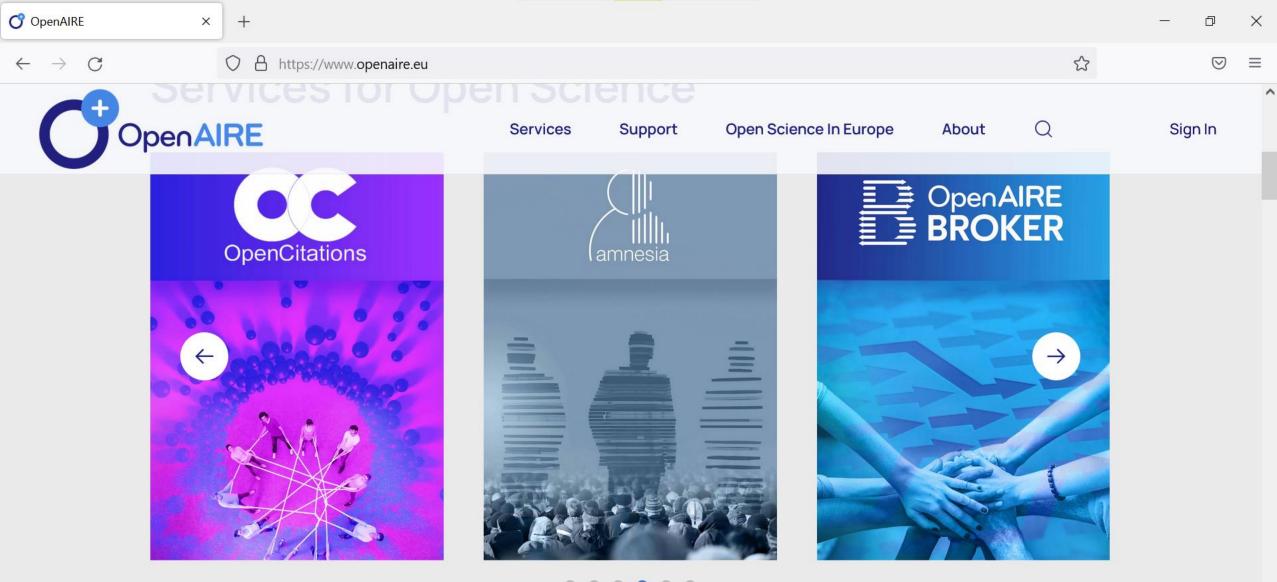
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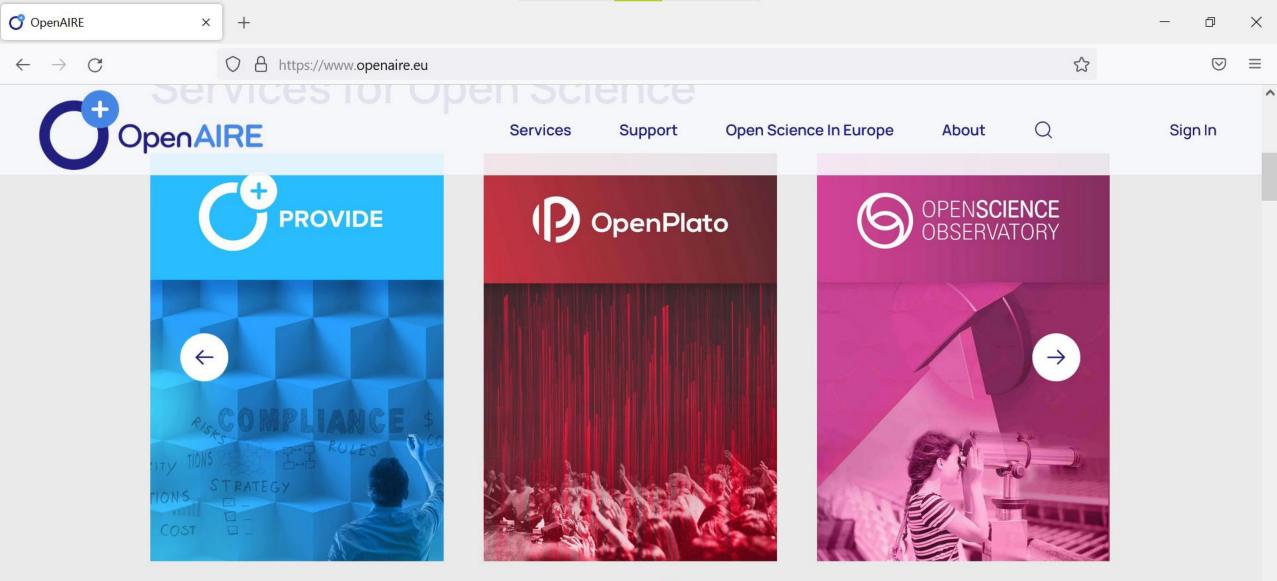
10

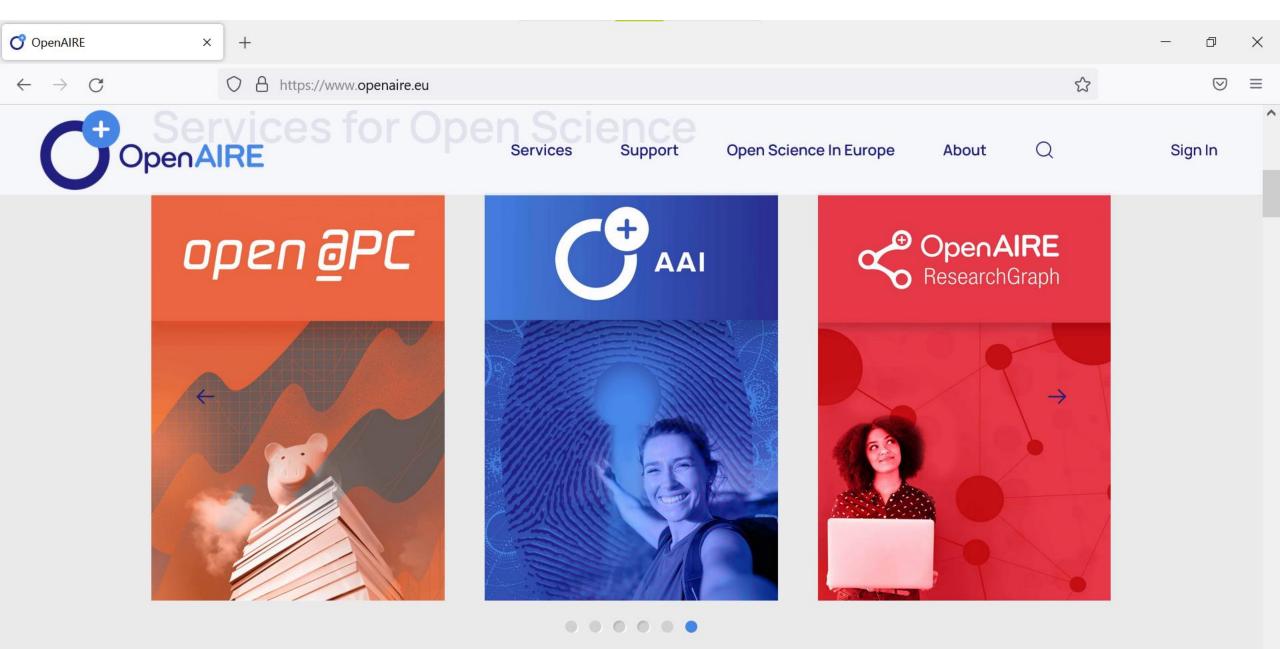












What OpenAIRE offers in EOSC marketplace

Services Catalogue OpenAIRE Nexus

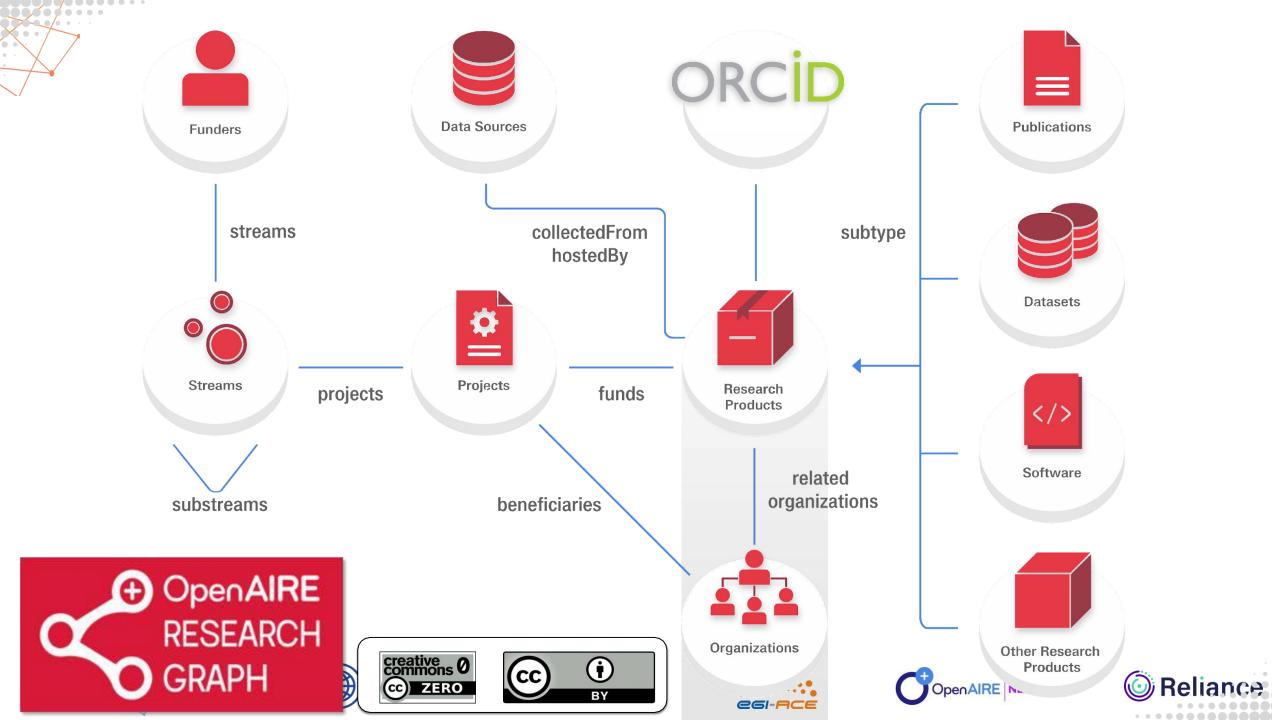


OpenAIRE/EOSC Research Graphs Providing an open metadata research graph of interlinked scientific products, with Open Access information



OpenAIRE Nexus



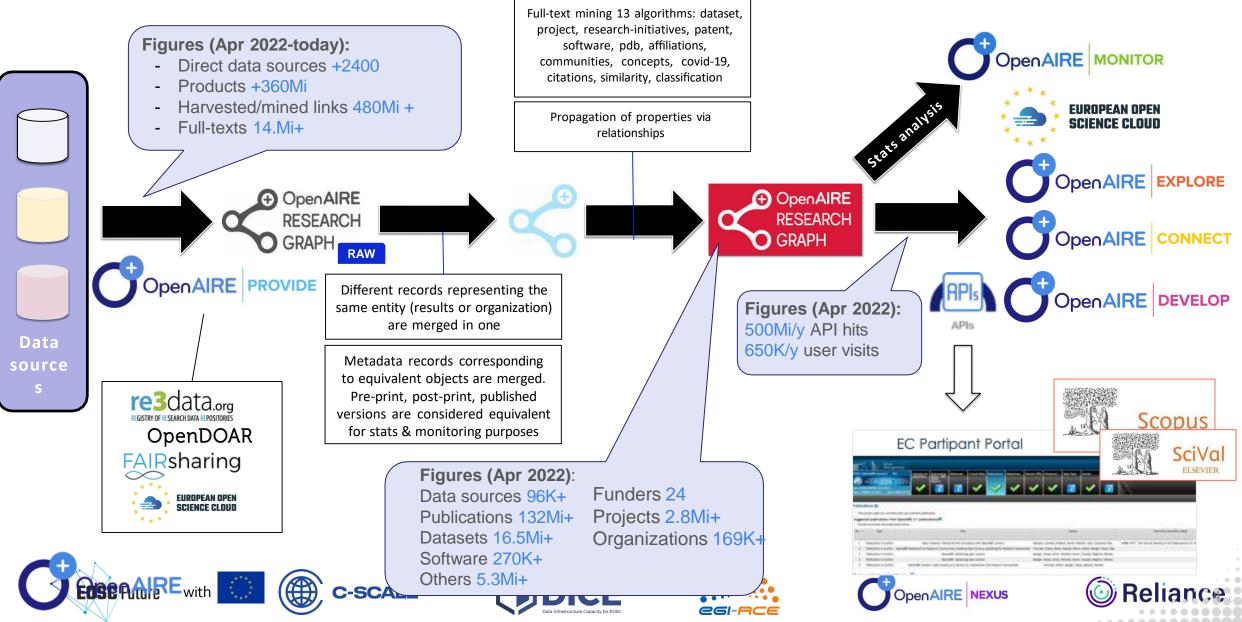




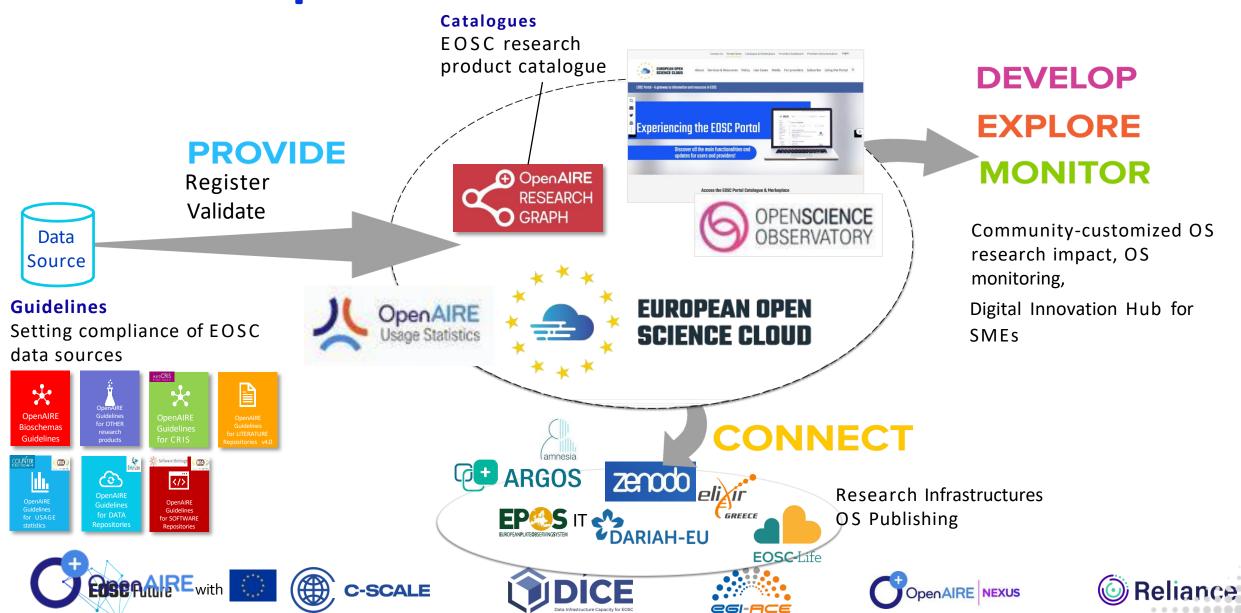
Reliance

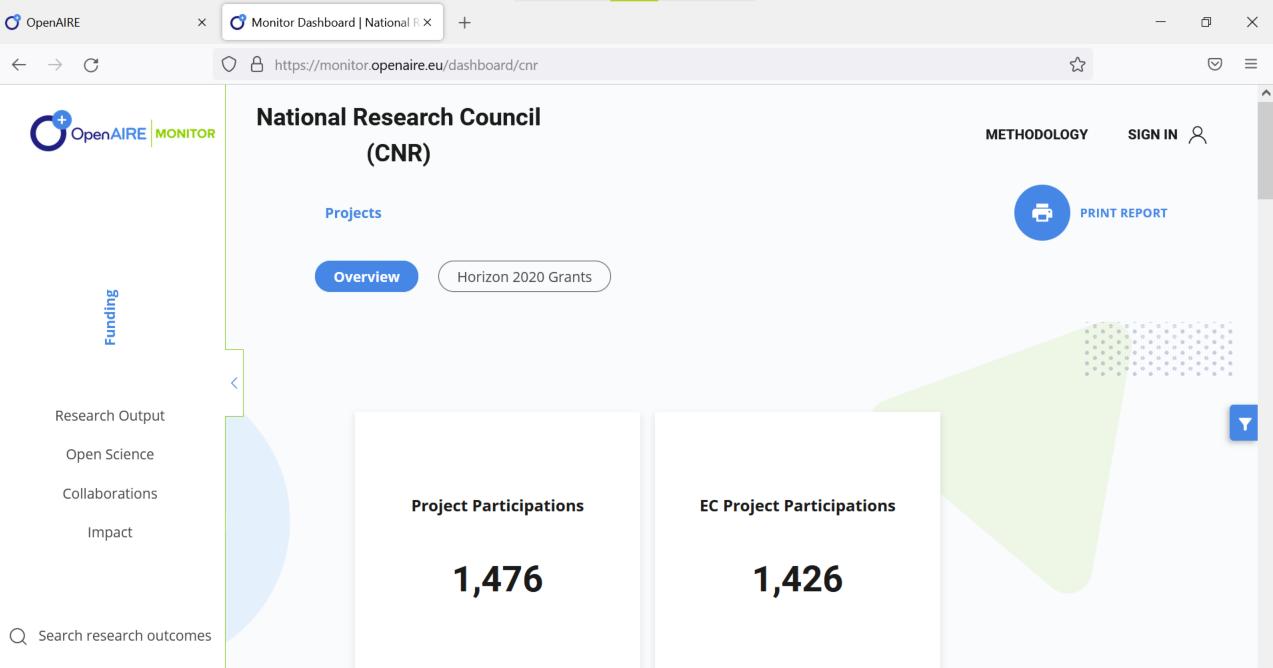
OpenAIRE

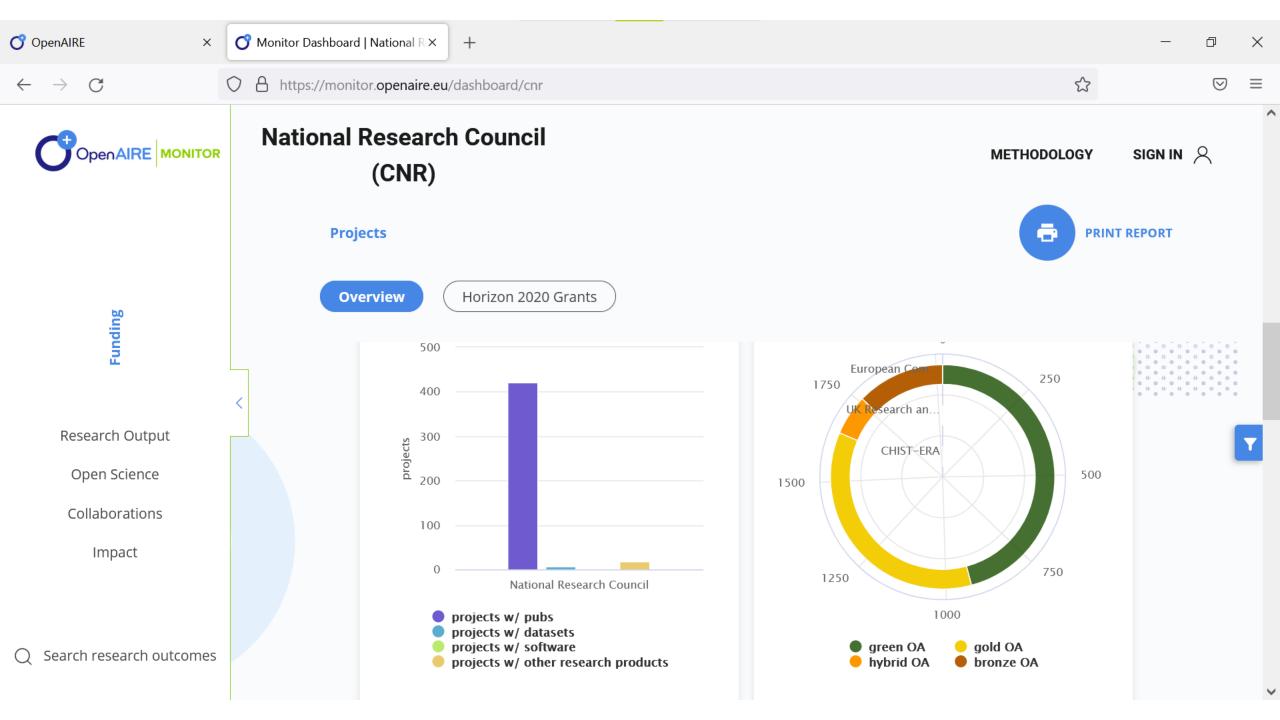
OpenAIRE Research Graph: the supply chain

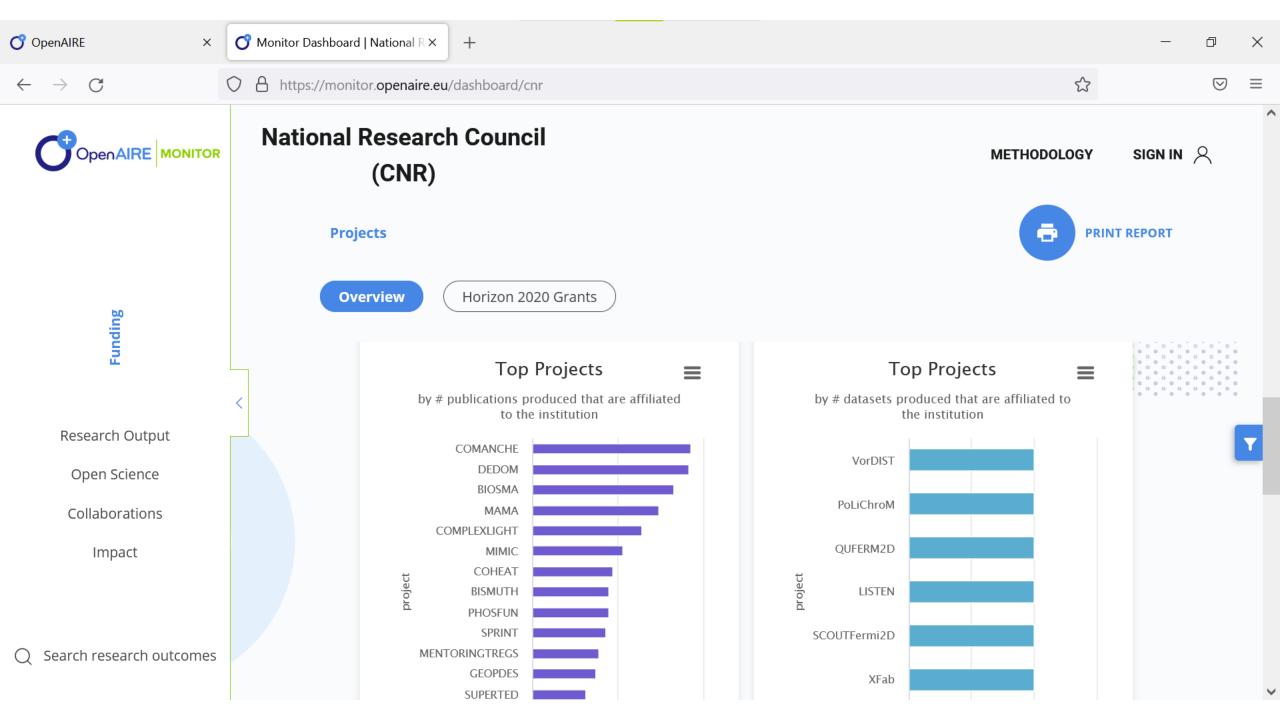


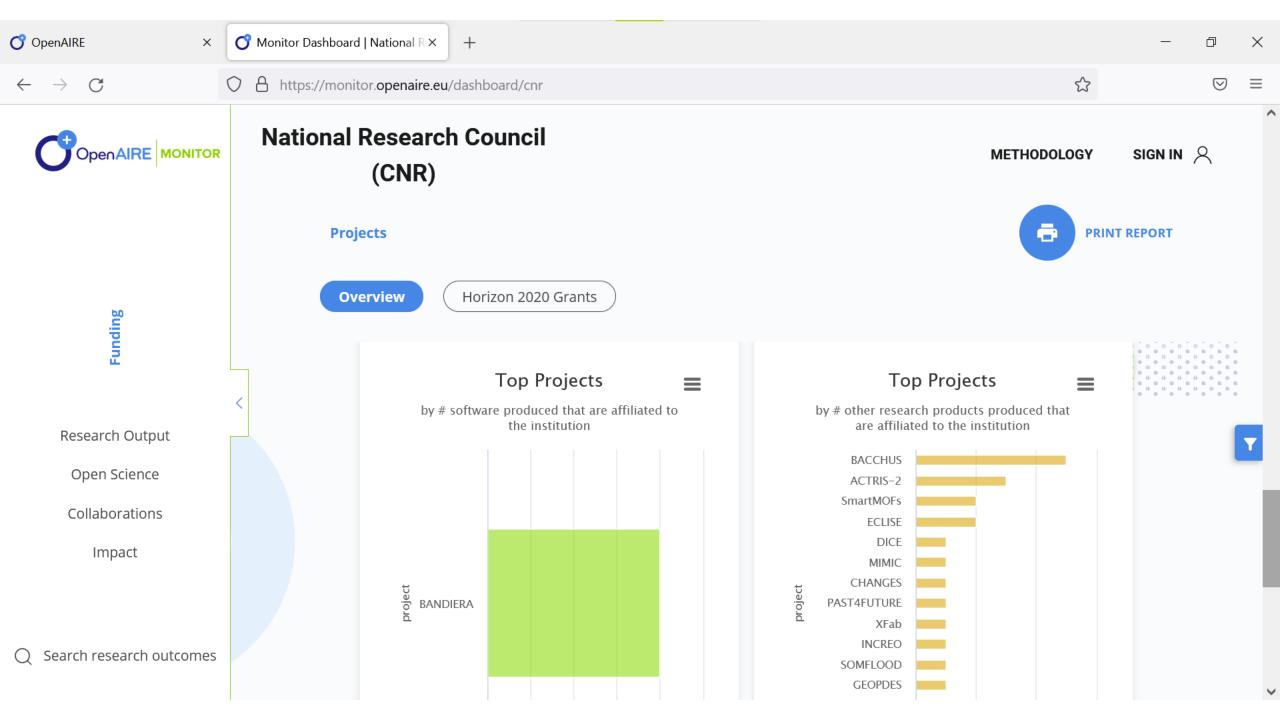
OpenAIRE and the EOSC Core











Guidelines for content providers

☆ OpenAIRE Guidelines

Search docs

OpenAIRE Guidelines for Literature Repositories

OpenAIRE Guidelines for Data Archives

OpenAIRE Guidelines for CRIS Managers

Draft OpenAIRE Guidelines for Software Repository Managers

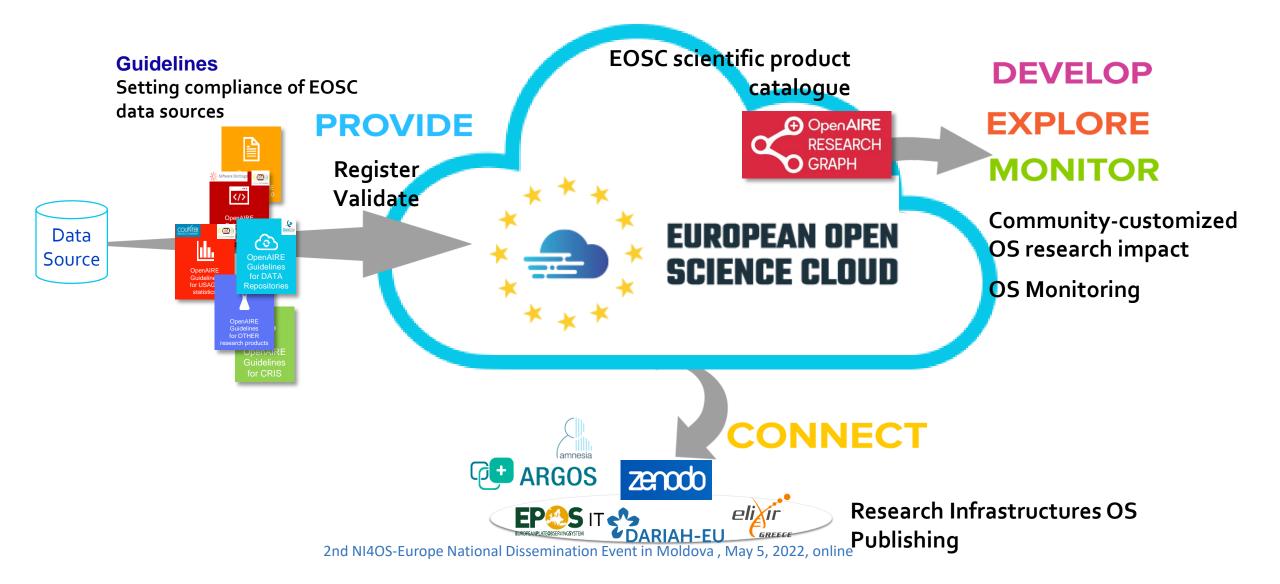
Draft OpenAIRE Guidelines for Other **Research Products**

guidelines.openaire.eu



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Integration from beginning to end (repositories, CRIS \rightarrow Monitoring)





ANSWERING RESEARCH QUESTIONS WITH EOSC



How has the COVID-19 pandemic affected air quality in France?

ANNE FOUILLOUX, Climate data scientist



ORDERING AND ACCESS

Anne is eager to dive in. To request access to the Jupyter notebook, she'll need to **place an order** through EOSC. With just a few clicks she makes the request for an **EGI Notebook*** and **B2Drop**** package.

Anne starts by **checking OpenAIRE** | be **EXPLORE** for existing research outputs that can help her on her way.



SEARCH

USING RESOUCES

Anne can **adapt the Jupyter notebook** to output results for France in the years before and during the COVID-19 pandemic.

FINDING Compatible tools

When she takes a closer look, **EOSC recommends tools** to help Anne process the Jupyter notebook and share her outputs.

DISCOVERY

Jupyter Italy

She's in luck! She finds a Jupyter notebook with atmospheric data from Copernicus, the EU's Earth Observation Programme, that can be accessed through EOSC.

SHARING RESULTS

Anne also uses the Jupyter notebook and B2Drop **to make her outputs accessible** through EOSC and Zenodo.

B2Drop

6



8

ESULTS Jupyter

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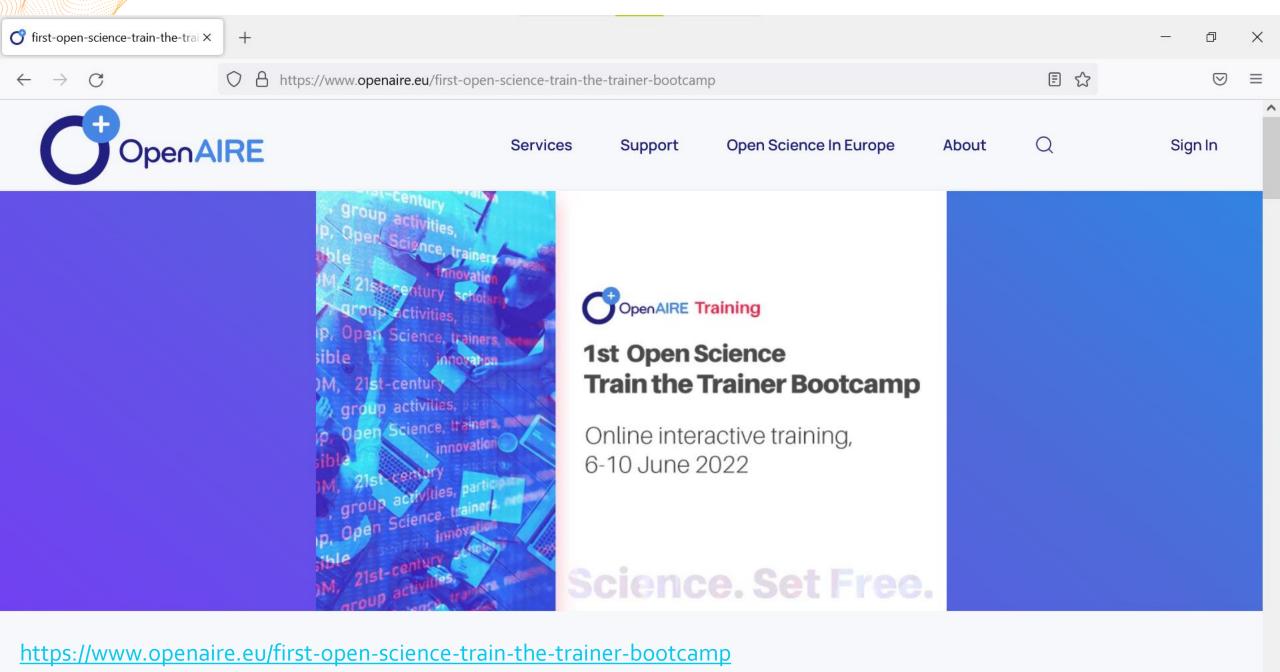


Find out for yourself what's available on EOSC: marketplace.eosc-portal.eu

*EGI Notebook: A browser-based tool for interactive data analysis using EGI storage. **B2DROP: A low-barrier, user-friendly storage environment provided by EUDAT.

What matters in the life of a climate data scientist?









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https://twitter.com/OpenAIRE_eu



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