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Open access in the improvement of research policy monitoring

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Open Research Infrastructure in the field of Science and Innovation Policies Studies: A journey within RISIS and its datasets

Euro Science

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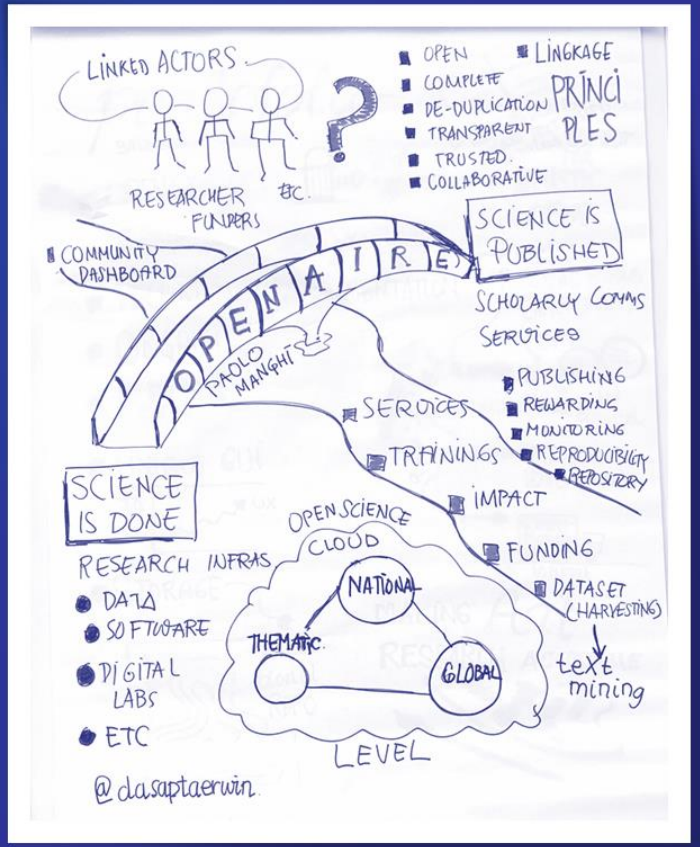
OpenAIRE

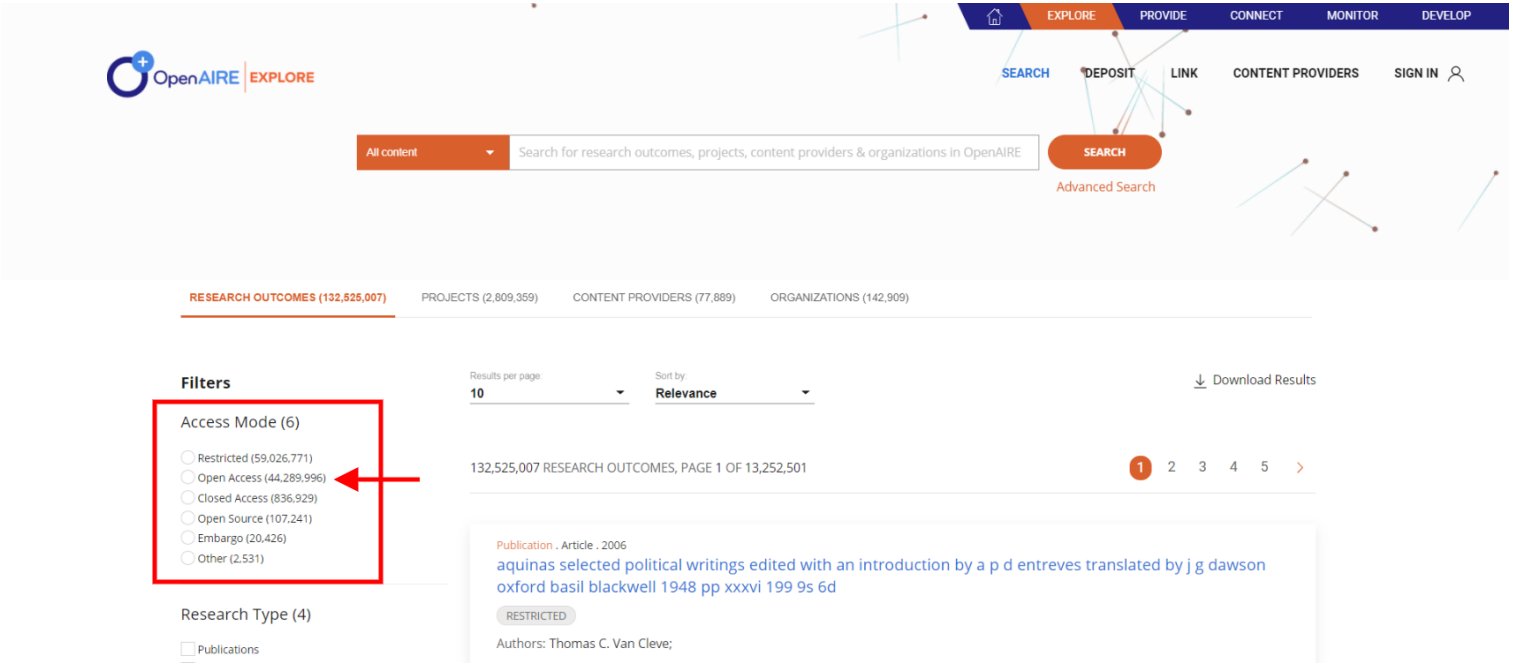
Bridging the worlds where science is performed and science is published



https://twitter.com/dasaptaerwin

Open Access matters

The mission of OpenAIRE is to ensure accessibility of the highest number of research outputs.



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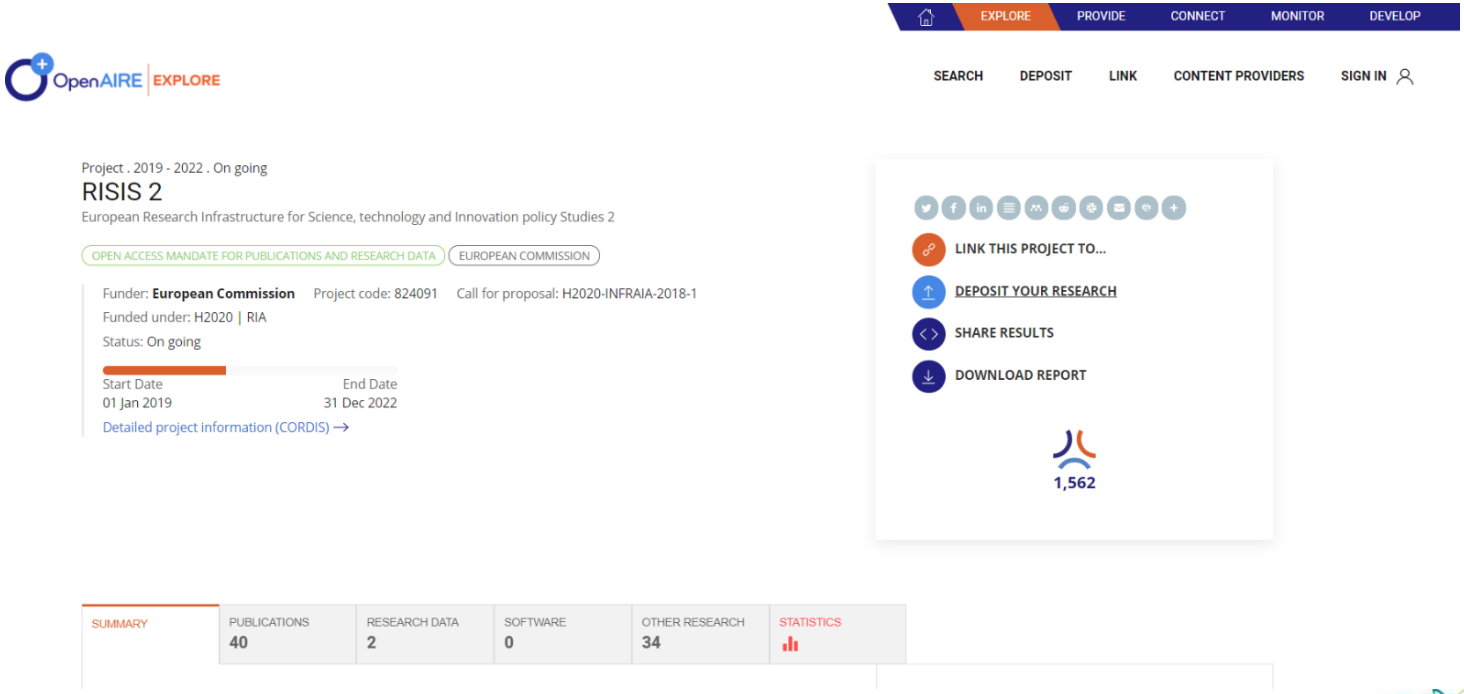
OpenAIRE and RISIS



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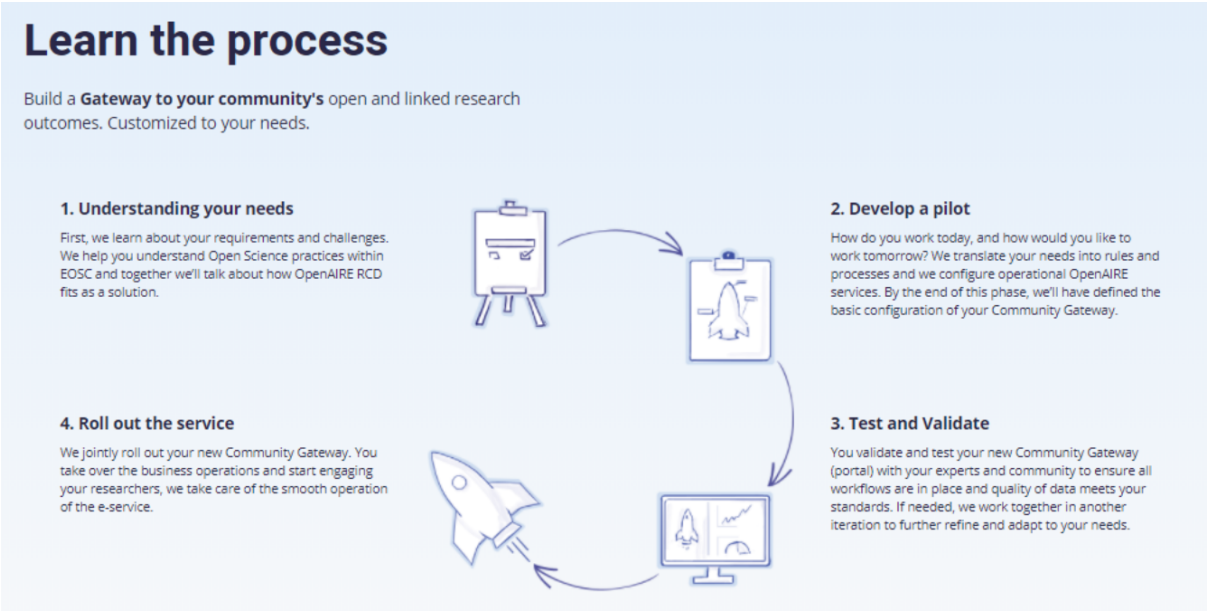
OpenAIRE and RISIS

Two community dashboards based on the OpenAIRE connect service:

- Impact Monitoring Dashboard
- Science and Innovation Policy Studies



OpenAIRE and RISIS

OpenAIRE provides RISIS with the OpenAIRE Research Graph

Extracted **Metadata Combined.**

The OpenAIRE Research Graph is one of the largest open scholarly record collections worldwide, key in fostering Open Science and establishing its practices in the daily research activities. Conceived as a public and transparent good, populated out of data sources trusted by scientists, the Graph aims at bringing discovery, monitoring, and assessment of science back in the hands of the scientific community.

Imagine a vast collection of research products all linked together, contextualised and openly available. For the past ten years OpenAIRE has been working to gather this valuable record. OpenAIRE is pleased to announce the beta release of its Research Graph, a massive collection of metadata and links between scientific products such as articles, datasets, software, and other research products, entities like organisations, funders, funding streams, projects, communities, and data sources.

As of today, the OpenAIRE Research Graph aggregates around 450Mi metadata records with links collecting from 10,000 data sources trusted by scientists! After cleaning, deduplication, and fine-grained classification processes, they narrow down to ~100Mi publications, ~8Mi datasets, ~200K software research products, 8Mi other products linked together with semantic relations.

More than 10Mi full-texts of Open Access publications are mined by algorithms to enrich metadata records with additional properties and links among research products, funders, projects, communities, and organizations. Thanks to the mining algorithm, the graph is completed with 480Mi semantic relations.

Read less ^

The OpenAIRE Research Graph ensures the reusability of the wealth of information underlying OpenAIRE

OpenAIRE and RISIS

What do we get in turn?

- RISIS provides OpenAIRE with their algorithms
- OpenAIRE improves the TDM procedures
- More accuracy in information retrieval and in the Research Graph

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