Androniki Pavlidou

OpenAIRE

OpenAIRE-Nexus

An INFRAEOSC07 project close to SMEs

OpenAIRE-Nexus | Data Week 2022 | 3 June 2022

@openaire_eu

OpenAIRE-Nexus

What it is

An EU H2020 Funded project focusing on Open Science scholarly works, and offering a variety of services

What it offers

A selection of 13 Open Science services

Who are the services for

Research content & service providers, SMEs, Startups, Spin-offs, research funders, policy makers, research infrastructures, citizens, citizen scientists

Logistics

- Started January 2021
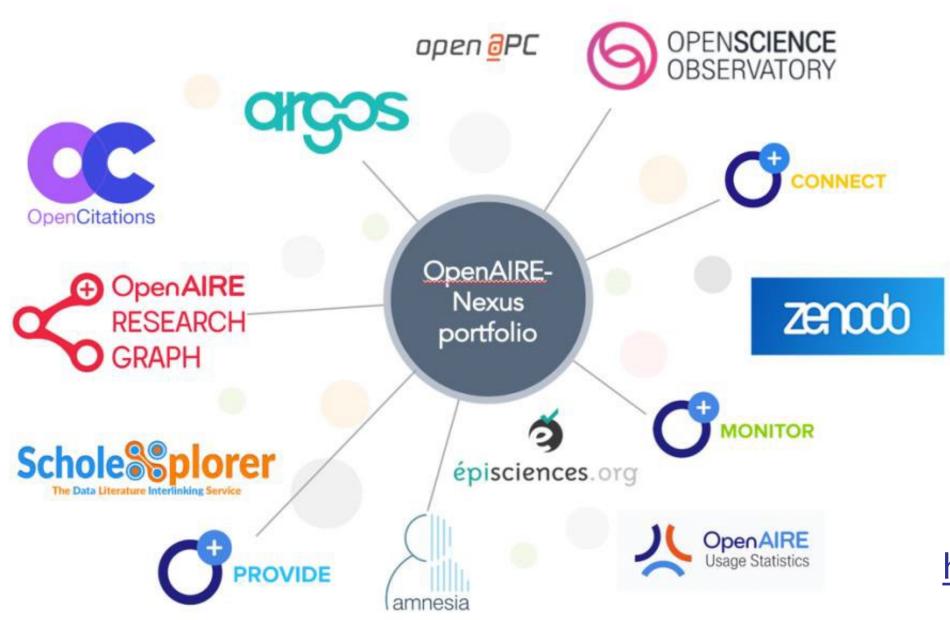- 30-month duration
- Coordinator OpenAIRE A.M.K.E

11 Partners

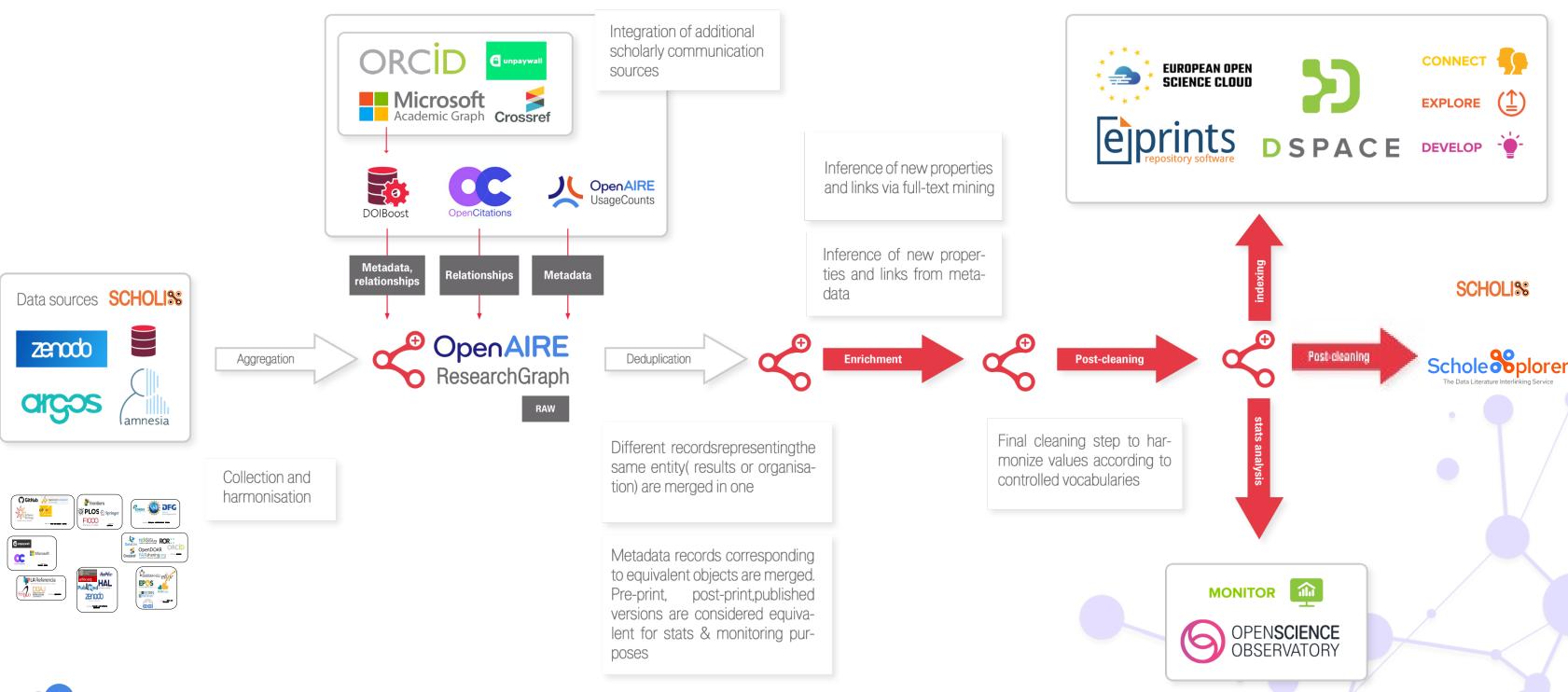## OpenAIRE website:

https://www.openaire.eu/

Overview of services

Characteristics
- **Openness**
- **FAIRness**
- **EOSC interoperable**

An **infographic** is available here :
https://www.openaire.eu/contributing-to-national-eosc-ecosystems

OpenAIRE Research Graph and ScholExplorer

OpenAIRE Research Graph in numbers

24 funders
78k data sources
3Mi projects
138Mi publications
275k software
15Mi research data
6.7Mi other research products

https://graph.openaire.eu/

"**A collection of metadata describing objects in the research lifecycle and relationships among them**"

Accessible via an API

Downloadable Dump available on Zenodo Community

OpenAIRE ScholExplorer

>640 Million API requests

OpenAIRE PROVIDE

OpenAIRE Broker & Validator

A web service where **content providers** - institutional & thematic repositories, aggregators, data archives, journals, CRIS systems, **interact** with **OpenAIRE**.

It provides the **front-end access** to many of OpenAIRE's **backend services**

Free to register and use

https://provide.openaire.eu

Subservices

- **FAIR assessment** tool

- ORCID **metadata enrichment** events

- **Notification** subscription to receive new metadata enrichments

- **Data Correction** Service to enrich local metadata for Dspace repos (4Science)

OpenAIRE | NEXUS

OpenAIRE EXPLORE

Is the OpenAIRE **search portal** for **Open Access** scholarly works **globally**

- Accessible via OpenAIRE APIs **>50 Million requests**

- **SDGs** and **Field of Science** filtering

- Open and **free** for everyone

https://explore.openaire.eu

OpenCitations

Collection of >1 Billion open citation links

>29 Million API requests

- Derived from open references within Crossref

- Citations hosted as Linked Open Data

- Citations accessible via a flexible API using DOIs

https://opencitations.net/

Amnesia

Performs data anonymization
- **Not pseudo-anonymization** (According to **GDPR**)
- **Personal data become statistical data**

Is a stand - alone application
- Available as web service for training/demo purposes only

~34K unique **visitors**

https://amnesia.openaire.eu/

Argos

- **Data Management Plans tool**
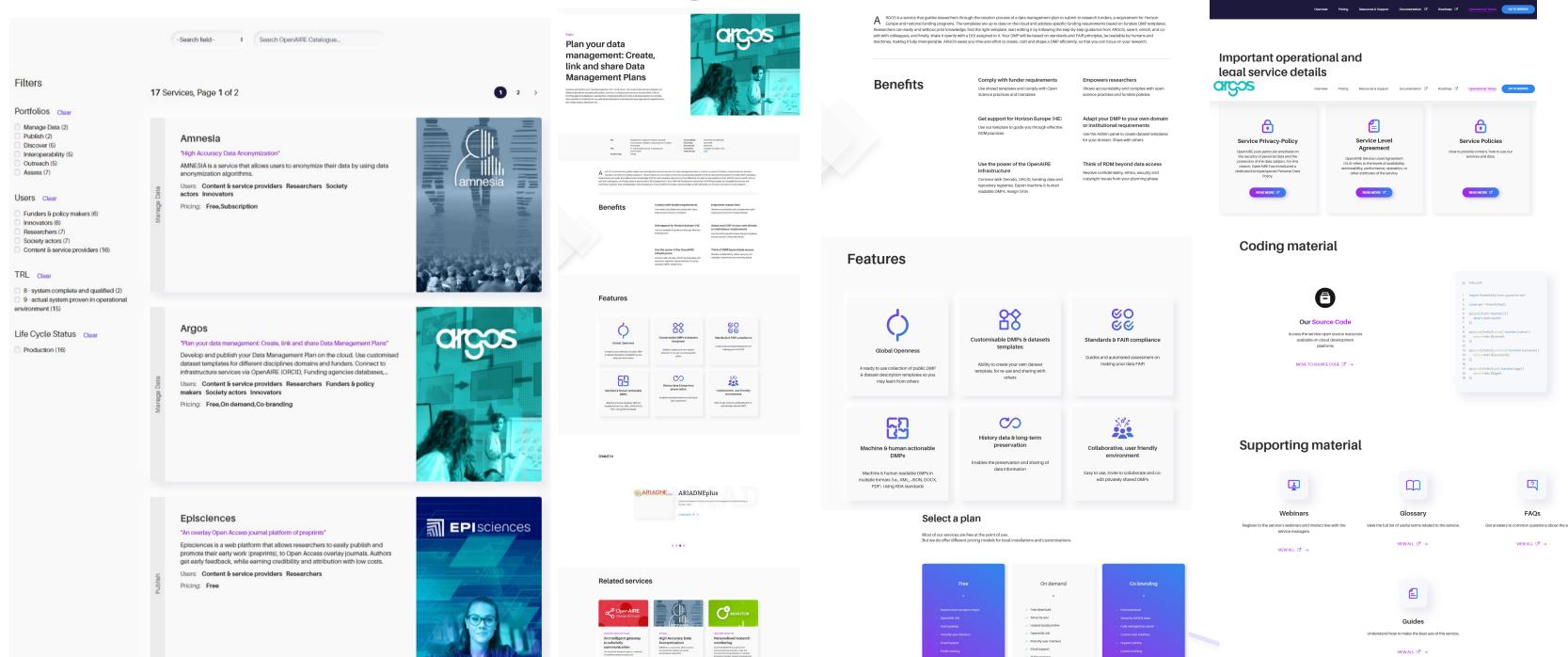- **FAIR**
- Complies with **funders requirements**
- Easy and flexible via **co-editing**
- Machine and human **readable** & **shareable** outcomes
- Available in 8 **languages**
- Can be used as a **cloud** service
- Can be deployed **locally** or **setup on demand**
    - https://argos.openaire.eu/splash/

OpenAIRE Catalogue of services

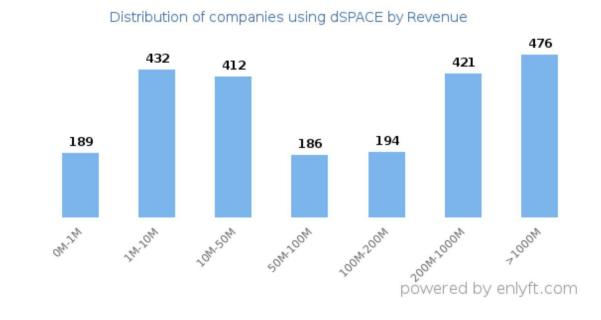**http://catalogue.openaire.eu/home**
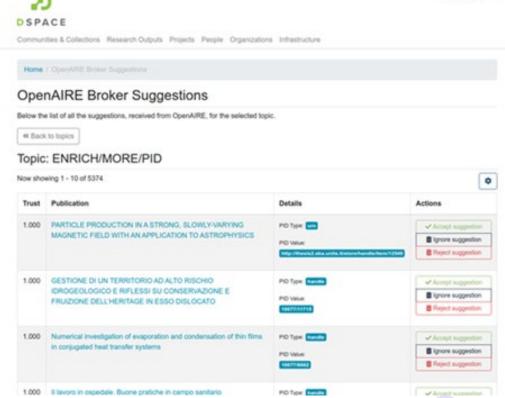
OpenAIRE ELD-Enrich Local Data via the OpenAIRE Graph

Available via GitHub
A running DSpace or DSpace -
CRIS 7+ installation
Services used : OpenAIRE
Research Graph , Broker
Market:

Suggestion for Claudio Cortese from the OpenAIRE Graph

Select / Deselect All (2)   ✔ Approve & import Selected ▾   ⊘ Not mine Selected

Now showing 1 - 10 of 110

Processi di trasformazione nel suburbio di Mediolanum tra tarda età republ...
età imperiale. Il caso dell'area dell'Università Cattolica
CORTESE, CLAUDIO

Total Score 100.00

Nell'area oggi occupata dall'Università Cattolica del Sacro Cuore di Milano a partire dal 1986
hanno messo in luce una porzione del suburbio occidentale di Mediolanum, e in particolare u
suburbana di età imperiale. Un'ampia area di tale insediamento è stata oggetto della presente

✔ Approve & import ▾   ⊘ Not mine   ⦿ Hide evidence

Results Per Pa
1
5
✔ 10
20
40
60
80

DSPACE

Communities & Collections Research Outputs Projects People Organizations Infrastructure

Home / OpenAIRE Broker Suggestions

OpenAIRE Broker Suggestions

Below the list of all the suggestions, received from OpenAIRE, for the selected topic.

« Back to topics

Topic: ENRICH/MORE/PID

Now showing 1 - 10 of 5374

Trust	Publication	Details	Actions
1.000	PARTICLE PRODUCTION IN A STRONG, SLOWLY-VARYING MAGNETIC FIELD WITH AN APPLICATION TO ASTROPHYSICS	PID Type urn PID Value: https://thesis2.sba.unite.fr/store/handle/item/12949	✔ Accept suggestion ▯ Ignore suggestion ✖ Reject suggestion
1.000	GESTIONE DI UN TERRITORIO AD ALTO RISCHIO IDROGEOLOGICO E RIFLESSI SU CONSERVAZIONE E FRUIZIONE DELL'HERITAGE IN ESSO DISLOCATO	PID Type handle PID Value: 10077/44715	✔ Accept suggestion ▯ Ignore suggestion ✖ Reject suggestion
1.000	Numerical investigation of evaporation and condensation of thin films in conjugated heat transfer systems	PID Type handle PID Value: 10077/4662	✔ Accept suggestion ▯ Ignore suggestion ✖ Reject suggestion
1.000	Il lavoro in ospedale. Buone pratiche in campo sanitario	PID Type handle	✔ Accept suggestion

Distribution of companies that use dSPACE based on company size (Revenue)

Of all the customers that are using dSPACE, 44% are small (<$50M), 9% are medium-sized and 38% are large (>$1000M).

Distribution of companies using dSPACE by Revenue

189	432	412	186	194	421	476
0M-1M	1M-10M	10M-50M	50M-100M	100M-200M	200M-1000M	>1000M

powered by enlyft.com

4 SCIENCE
Share your knowledge

https://www.openaire.eu/enrich   -dspace -data
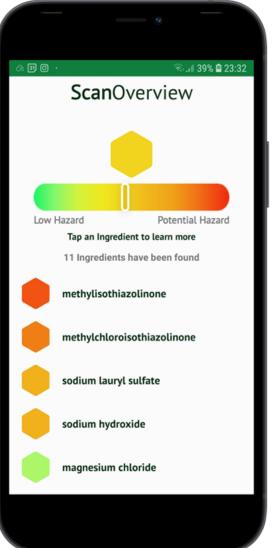
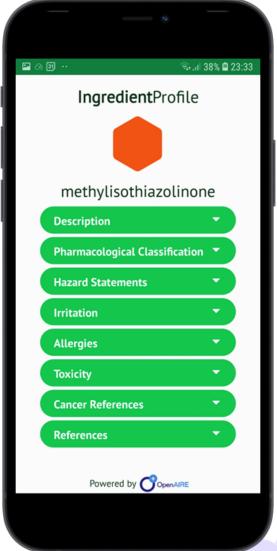# Ingredio mobile app on enhancing food & cosmetics

Available on
Google Play Store: Download
Apple Store: Download
Service used : OpenAIRE Research Graph

Market : 300 million people in EU & US buy organic products. Out of them, a 70% (~200 m) have a smartphone and have access to the internet daily. US, Germany and France organic market is €27.1, €7.9 and €4.8 billion (in market size) respectively.
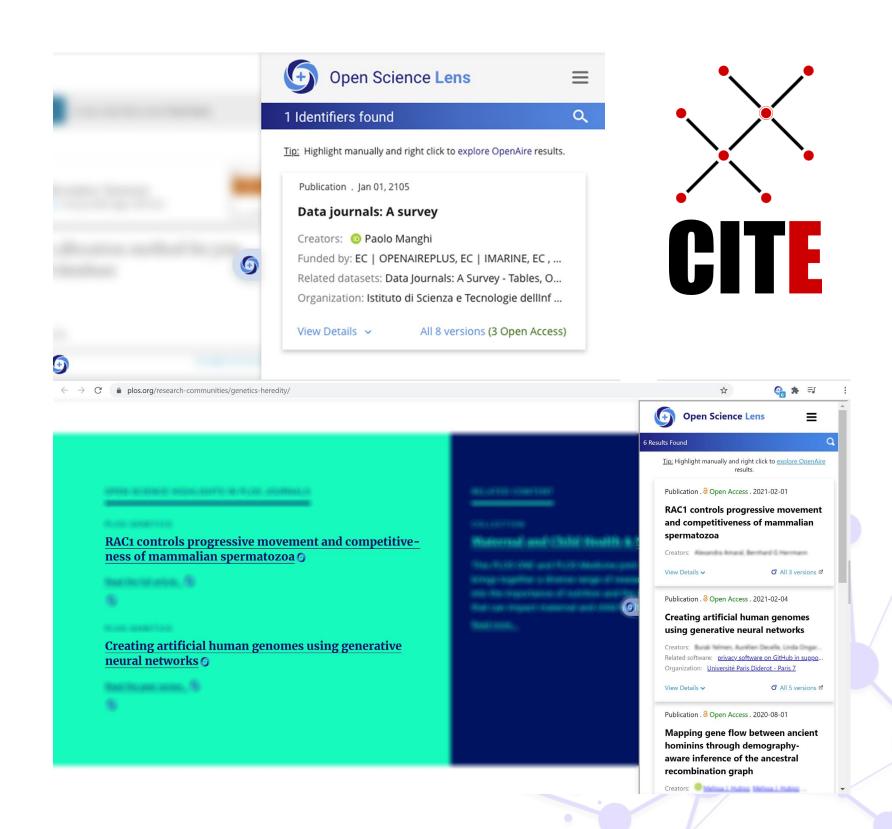
Open Science Lens

Available as
Google Chrome Extension:
Download
Services used : OpenAIRE
Research Graph , EXPLORE

Market
Infinite value !

Open Access $763m in 2019
and on track to grow to
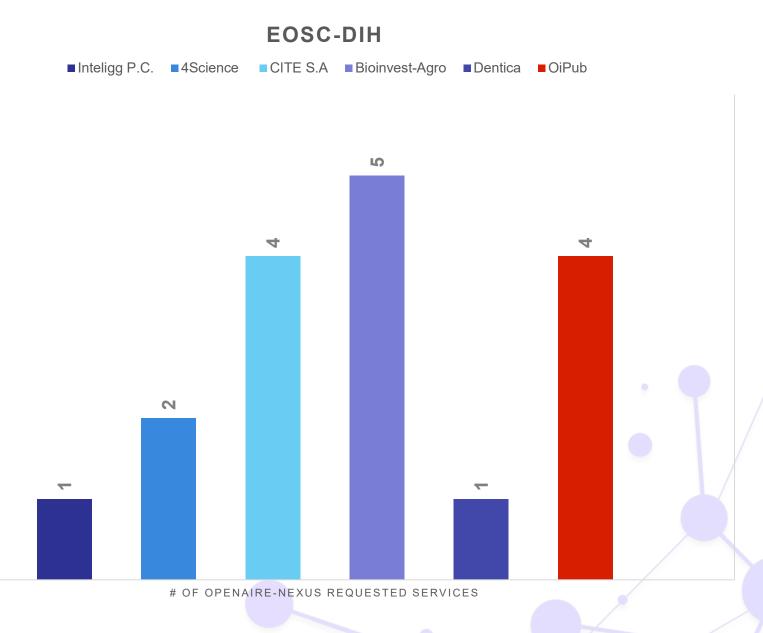around $850m in 2020
(deltathink.com)

EOSC-FUTURE, EOSC-DIH, INFRAEOSC-07

- **Promoted and supported the EOSC services co-usage and uptake by EOSC-DIH applicants before they apply to EOSC-DIH pilots** resulting to **12 INFRAEOSC-07 services** requested **15 times, 9 OpenAIRE-Nexus services** requested **17 times** by **6 SMEs** in the EOSC-DIH business pilots

- Provided feedback on EOSC-DIH applicants and scheduled **1-1 calls** to promote the **uptake** of **additional INFRAEOSC-07 services**

- **Sustainability: 4/6 applicants** and their services are a **continuation** of OpenAIRE-Advance Open Innovation Call **activities**

EOSC-DIH

■ Inteligg P.C. ■ 4Science ■ CITE S.A ■ Bioinvest-Agro ■ Dentica ■ OiPub

OF OPENAIRE-NEXUS REQUESTED SERVICES

Support and training

Provide usage and technical support

- Via **direct communication** with OpenAIRE-Nexus **service managers**
  - Via **existing support material, webinars, community calls**
- **Bi-weekly 1:1** personalized **calls**

Disseminate outcomes and promote SMEs

- Via **events, conferences**
- **Publish blog posts on OpenAIRE portal**
- **Diffuse the information and the innovations** through OpenAIRE communication channels (newsletter, social media)
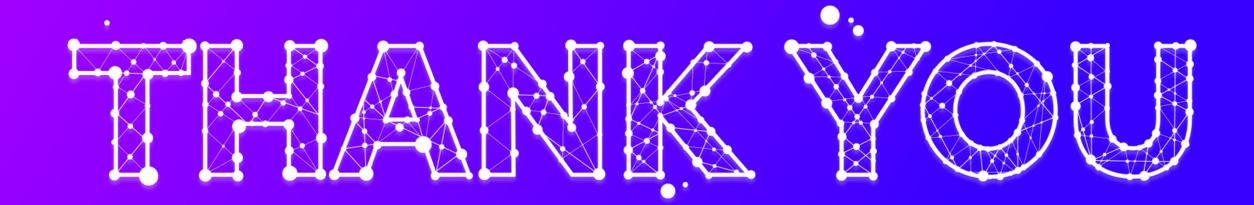
Explore and promote the continuation and sustainability of solutions

- **Engage** with SMEs and create a collaborative innovative culture
- **Explore** for **business opportunities**
- Examine solutions **enhancements**

OpenAIRE | NEXUS

THANK YOU

OpenAIRE-NEXUS team

Androniki Pavlidou

Androniki.pavlidou@openaire.eu