



**B2FIND**

**Find research data**

B2FIND is an interdisciplinary discovery portal for research outputs that allows free term search. Results may be narrowed down using several facets, including spatial and temporal search options.

B2FIND is the EUDAT metadata indexing service and provides a discovery portal which allows users to find data collections within an international and inter-disciplinary scope. It is based on a comprehensive metadata catalogue of research data collections stored in EUDAT data centres and community repositories. Harmonisation of the metadata descriptions collected from heterogeneous sources enables not only the presentation in a consistent form but also the faceted search across scientific domain boundaries. The service is geared for communities and other providers of research data who need to publish and give visibility to their metadata and individual researchers who need to search data from everywhere, and see data in the context with an across community approach.



## Features

- Harmonisation of the metadata descriptions via the EUDAT Core metadata schema
- Harvesting of repositories via different protocols (e.g. OAI-PMH, CSW, Rest-APIs)
- Faceted search via 12 facets (including geospatial, temporal search options), additional free text search
- Metadata aggregation from community repositories, multiple metadata standards are supported
- Harvested by OpenAIRE explorer

### Technologies

- CKAN

### Supported harvesting protocols

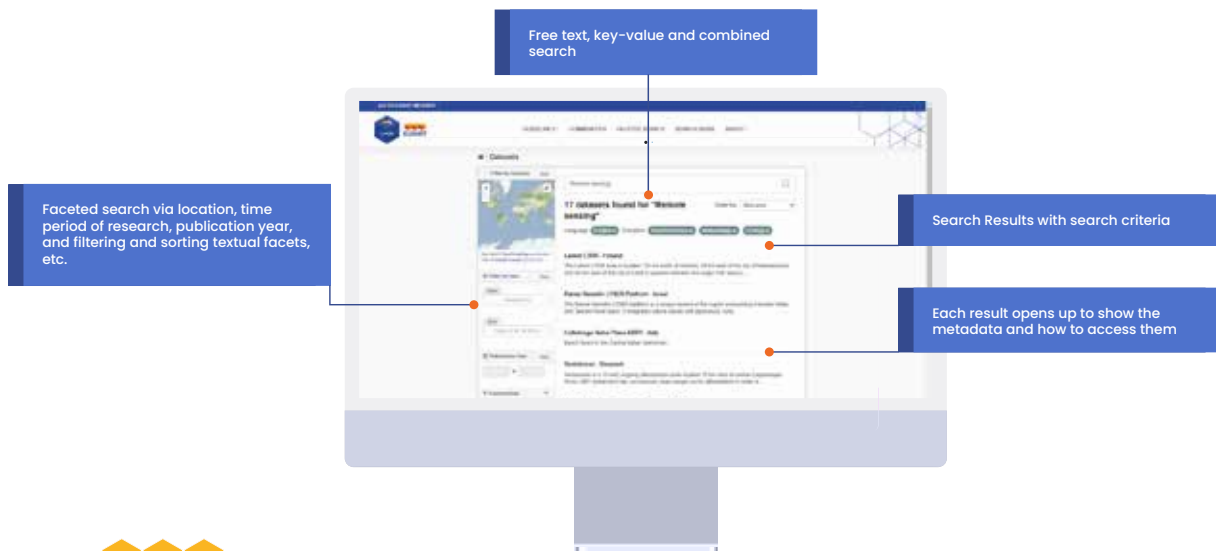
- OAI-PMH
- REST-API
- CSW

### Dependencies

- B2SHARE

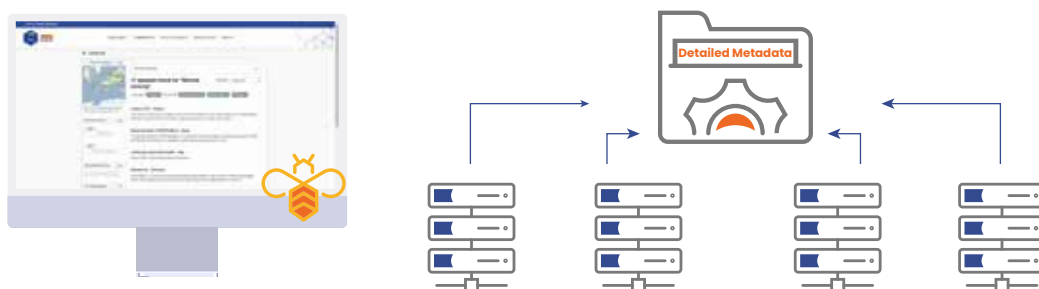
### Supported metadata standards:

- Dublin Core
- Datacite
- OpenAire
- EUDAT Core
- INSPIRE
- ISO 19139/19139, FGDC
- community specific standards



## How it works

Metadata that are made searchable in B2FIND are harvested from metadata providers, such as using the standard OAI-PMH interface. The community itself decides which metadata are made available to EUDAT and how their metadata elements are mapped to specific metadata elements for being represented as facets within the search portal. A sophisticated framework ensures that metadata from various providers are harvested regularly to display complete and up-to-date information. This framework also provides the translation from the community's metadata elements to the EUDAT Core Metadata Schema, which is based on generic schemas like DataCite and OpenAire. Close communication with the community's representatives is key for making research data findable and thus supporting FAIR data principles.



The B2FIND service can be utilised in two ways: (1) via a graphical, web-based tool, available at [b2find.eudat.eu](http://b2find.eudat.eu), which is designed to be self-explanatory, and (2) using a command line tool based on the API interface to the portal.

The following two prerequisites must be fulfilled in order to publish and make your metadata visible in B2FIND: (1) a service for providing and transferring the metadata, and (2) the definition of a community specific mapping. The B2FIND entry page lists all communities that provide metadata under 'Communities'. In order to publish metadata, please follow the "Guidelines for Providing Metadata for EUDAT-B2FIND" ([v](#)), where supported harvesting protocols and metadata schemas are described in detail.



## Packages

### **B2FIND For Researchers (Free)**

B2FIND is a discovery service based on metadata steadily harvested from research data collections from EUDAT data centres and other community repositories. The service offers faceted browsing and it allows in particular to discover data that is stored through the B2SHARE service.

### **B2FIND For Data Providers**

To enlarge the discovery of existing research output, data repository owners can make their research data collections stored in existing data repositories harvestable and discoverable via the public B2FIND service. To ease the process of harvesting data repositories, owners can assess the B2FIND guidelines for data providers.



## How to get access?

Access and find research  
through the service now

[b2find.eudat.eu](https://b2find.eudat.eu)



For Data Providers, request activation  
through the form:

[eudat.eu/contact-support-request](https://eudat.eu/contact-support-request)



**B2FIND**  
Find Research Data