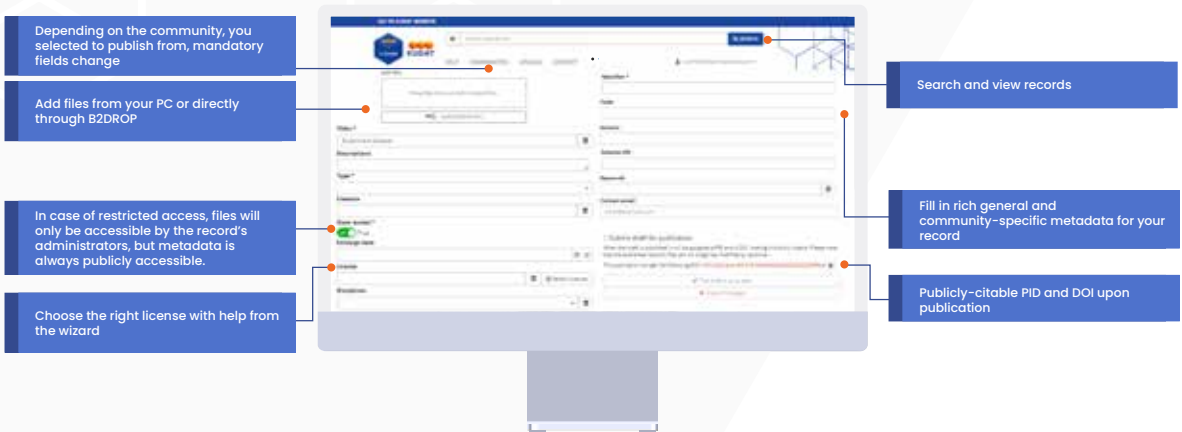




B2SHARE

**Store and publish
research data**

B2SHARE is a user-friendly, reliable and trustworthy way for researchers, scientific communities and citizen scientists to store, publish and share research data in a FAIR way. B2SHARE is a solution that facilitates research data storage, guarantees long-term persistence of data and allows data, results or ideas to be shared worldwide. B2SHARE supports community domains with metadata extensions, access rules and publishing workflows. EUDAT offers communities and organisations customised instances and/or access to repositories supporting large datasets.



Features

- ◆ Support of metadata descriptions via the EUDAT metadata schema
- ◆ Registers DOIs for datasets and Handle PIDs for data objects
- ◆ Supports versioning
- ◆ Harvested by B2FIND and OpenAIRE explorer
- ◆ Direct upload from B2DROP
- ◆ Accessible via a Web GUI and an API to support automatic publishing workflows
- ◆ Supports community domains
- ◆ Allows communities to define metadata extensions, access rules and publishing workflows
- ◆ Annotate research data through the B2NOTE extension

Technologies

Invenio

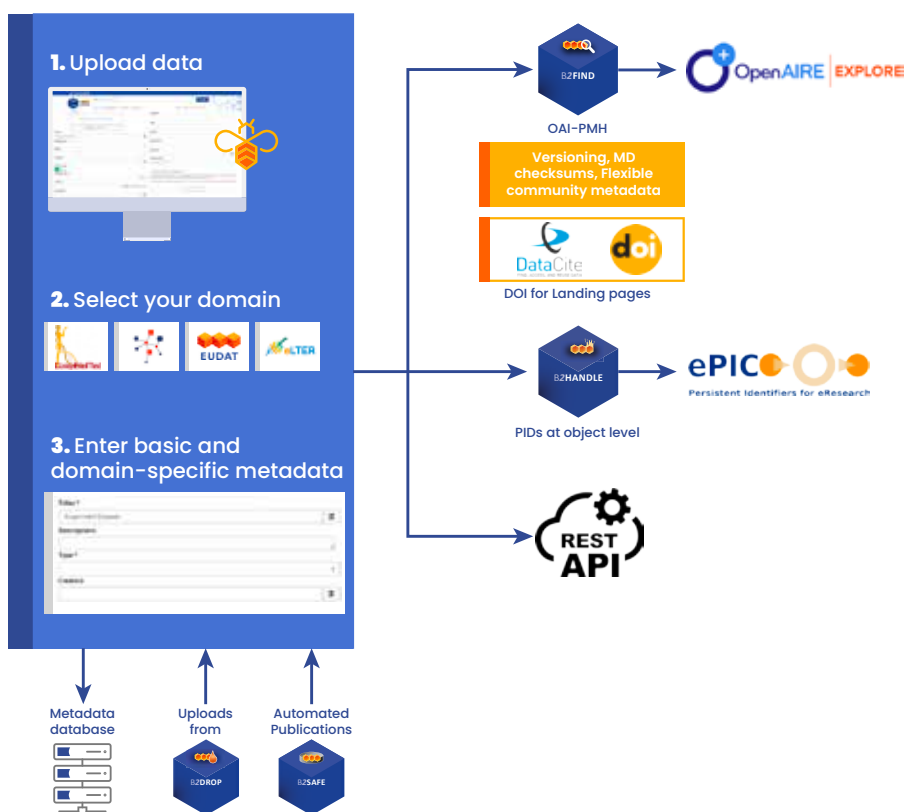
Dependencies

B2ACCESS



How it works

B2SHARE is a service for what's known as "long tail of data". This is a key component of research but is often under-exploited and even at risk when only stored on separate machines and storage devices such as notebooks, desktops or departmental servers. Any kind of stable research data which you want to preserve and share in a safe environment can be deposited in B2SHARE.



The research data can have various formats – papers, spreadsheets, audio-visual media, and more. The only requirement is that the source or purpose of the data is scientific.

The data is uploaded from your local or departmental storage device as digital objects which are then automatically assigned with persistent identifiers, ensuring long-lasting access and reference to the data.

The data is deposited in Finland at the Finnish IT Center for Science. More precisely it is stored on servers in Kajaani, a newly-built and environmentally-friendly data centre using the most advanced and modern data centre technology. EUDAT retains the right of archiving, i.e. creating replicas at trusted centres to take care of long-term persistence.



Packages

B2SHARE Basic For Researchers (free)

B2SHARE is a free-to-use public service supporting cross disciplinary research, self-registration for any scientists and researchers, free upload of stable research data, data will receive a DOI which can be used for citing, data objects will receive a B2HANDLE PID, access policy is defined by the data owner, metadata in openly accessible and made discoverable via B2FIND, Direct uploads from B2DROP, data integrity is ensured by checksums which are calculated during data ingest.

B2SHARE Premium For Data Managers

The B2SHARE - Premium service is the same as the basic service, but provides researchers the option to upload larger data files and datasets (>20GB) and the customization of metadata extensions.

B2SHARE For Communities And Organisations

B2SHARE for communities and organisations offers the option for dedicated and branded B2SHARE instances which can be customised to community and organisational needs. This supports customisation to the metadata schemas, community domains and access rights.

B2SHARE For Large Datasets

EUDAT is a network service providers across Europe specialising in large ICT infrastructure supporting research. To researchers and/or communities seeking to publish and/or make large datasets accessible in a FAIR way, EUDAT can offer access to data repositories supporting large datasets (>50TB). These repositories are made available through the EUDAT partners.



How to get access?

Use B2SHARE Basic now

b2share.eudat.eu



For communities wanting to publish using their own metadata scheme fields, contact us

eudat.eu/contact-support-request

