



Collaborative
EUDAT Data Infrastructure



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SERVICE OVERVIEW

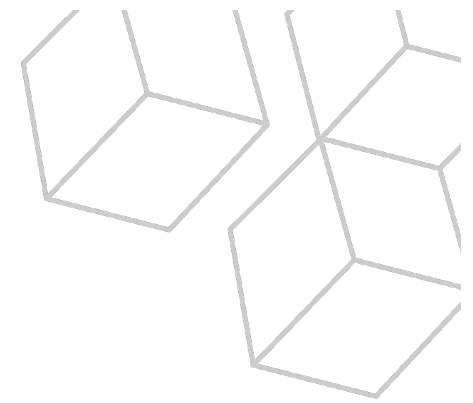
Mark van de Sanden | Technical Coordinator



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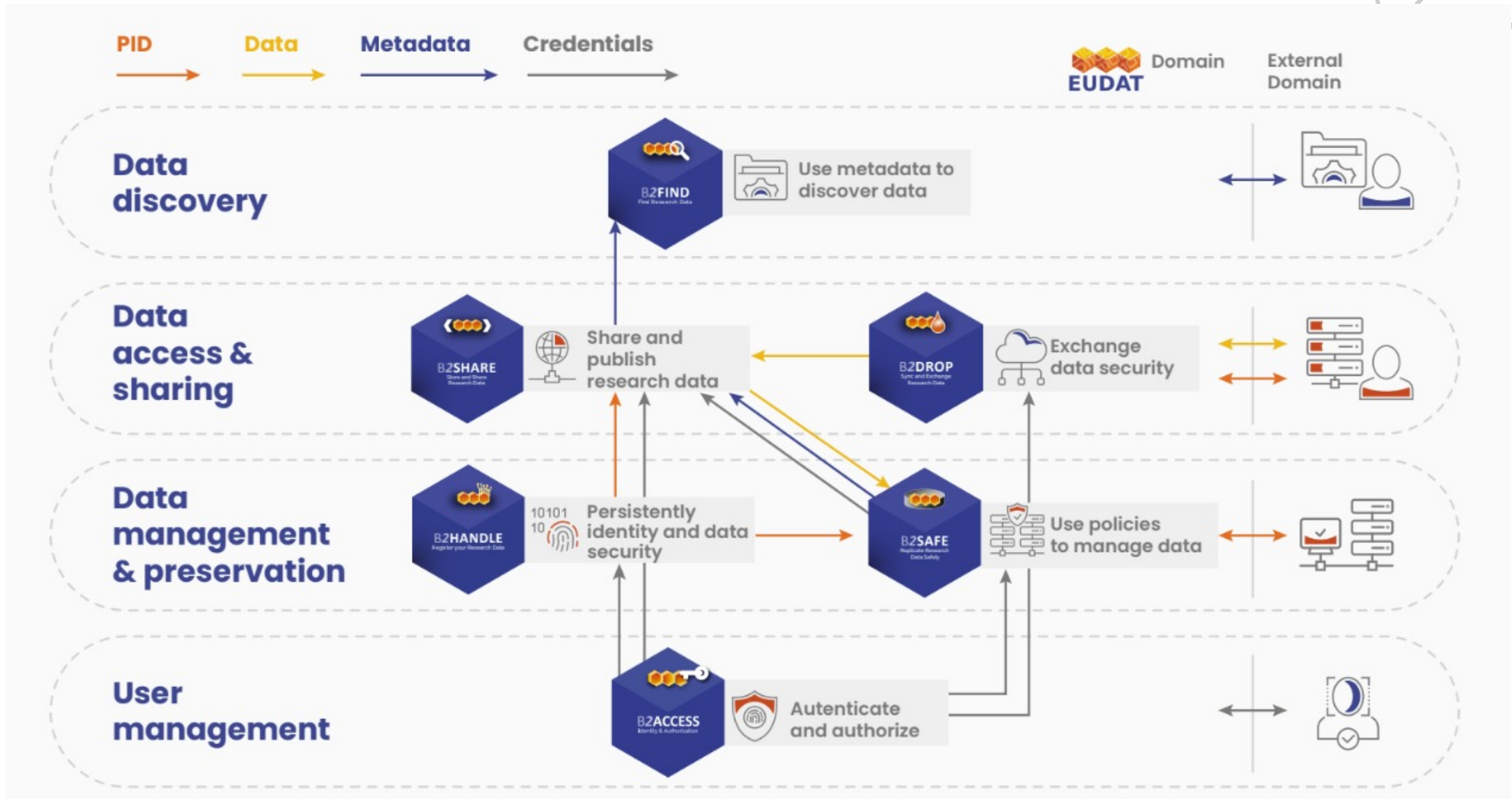
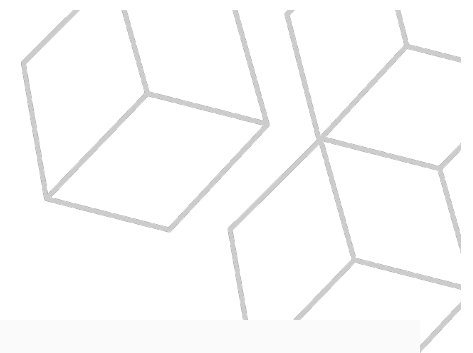


The EUDAT Collaborative Data Infrastructure (EUDAT CDI) is one of the major e-infrastructures supporting research in Europe

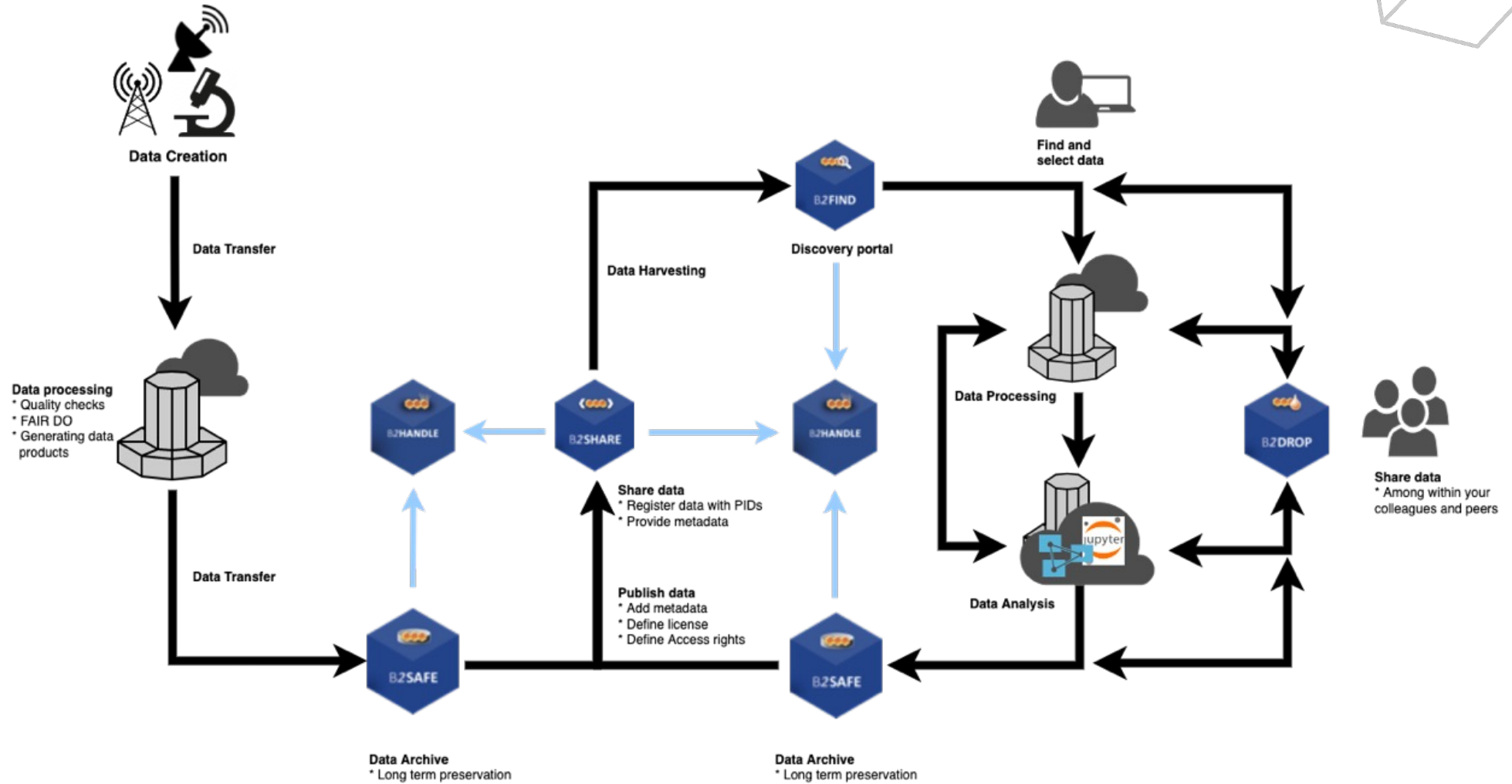
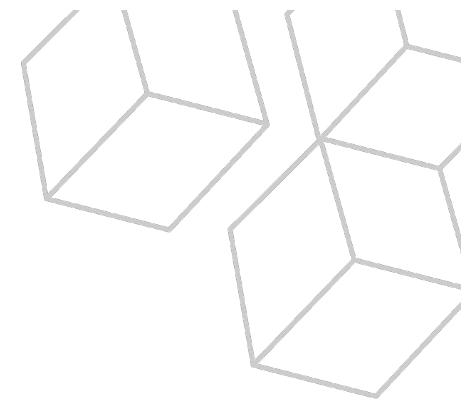
**EUDAT's vision:
Data is shared and preserved across borders and disciplines**

According to the vision, EUDAT provides a set of interoperable services that support European researchers in different steps of the research data life cycle.

The EUDAT Service Suite

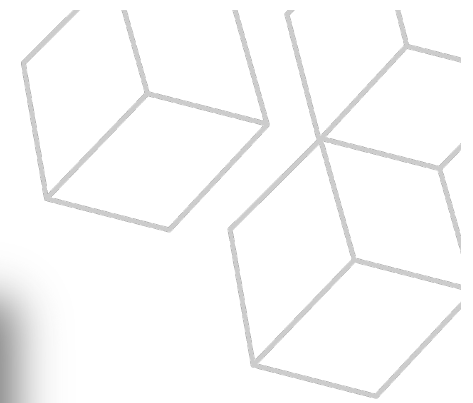


Research Data Life Cycle

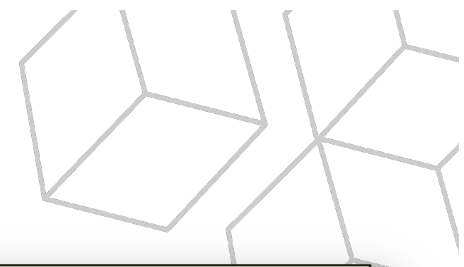




New Service Catalogue



The screenshot shows the EUDAT Service Catalogue website. At the top, there is a navigation bar with the EUDAT logo and the text 'Collaborative Data Infrastructure' and 'Data shared and preserved across borders and disciplines'. The main header area has a dark blue background with white dots and the text 'EUDAT Service catalogue'. Below this, there are six service cards arranged in a 2x3 grid. Each card features a blue hexagonal icon with a white key, a white key with a drop, a white key with a magnifying glass, a white key with a handle, a white key with a shield, and a white key with a double arrow, respectively. The services are: B2ACCESS (Identity & authorisation), B2DROP (Sync and share research data), B2FIND (Find research data, research data portal), B2HANDLE (Register your research data with a persistent identifier), B2SAFE (Keep research data safe via data management policies), and B2SHARE (Store and publish research data). Each card has a 'View service' button.



B2DROP
Home > Service catalogue > B2DROP

B2DROP
Sync and share research data

Request B2DROP and receive a custom setup!

What is B2DROP

B2DROP is a low-barrier, user-friendly and trustworthy storage environment which allows users to synchronise their active data across different desktops and to easily share this data with peers. EUDAT offers a free public basic instance for any researcher. For communities and organisations a premium service is offered on the public instance. Communities and organisations can also request customised instances.

Features

- Default quota of 20GBs (Basic), high quotas optional (Premium)
- Access via Web GUI, desktop clients and Webdav
- Multiple versions of files are kept
- Enabled apps: Contacts, Calendar, Tasks, Circles (social communities)
- Sharing within B2DROP, across different instances (via OCM-API) and via links
- Publishing of datasets to B2SHARE
- Integration with CLARIN Language Resource Switchboard (Basic)
- Integration with other community services optional (Premium)
- Group management (Premium)
- OnlyOffice (Premium)

Get brochure **Download the factsheet now!**

B2DROP is perfect for:

- Researchers that need their research data synchronized and up-to-date and to exchange with other researchers
- Data managers of communities, organisations or principal research investigators which need higher quotas, higher storage capacity, specific requirements and/or (Nextcloud) applications enabled
- Communities and/or organisations with specific requirements which can not be supported via the public fair-share service or need higher level of security or access control

Get started

Need more information?
Contact us and get in touch with one of our representatives

Resource offers

For Researchers - Basic

B2DROP is a secure and trusted data exchange service for researchers and scientists to keep their research data synchronized and up-to-date and to exchange with other researchers. B2DROP is an ideal solution to store and share data with colleagues and team members, synchronise multiple versions of data, ensure automatic desktop synchronisation of large files. Features: Basic service, Self registering, Quota 20GB, Web access, Sharing files with local users, Sharing files across other B2DROP and ownCloud/Nextcloud instances, Desktop synchronisation, Support for WebDAV mounts, Publish data to B2SHARE. Ideal for: Researchers seeking a central place to storage and share research data.

For Data Managers

The public B2DROP service has a per user quota limit of 20GB. Communities, organisations or PIs which have a need for higher quota's, higher storage capacity, specific requirements and/or (Nextcloud) applications enabled can submit support request. Depending on the requirements and/or requested storage capacity the B2DROP service is offered as a paid service. Features: Public service, Self registering, Higher quota's as default, Web access, Sharing files with local users, Sharing files across other B2DROP and ownCloud/Nextcloud instances, Desktop synchronisation, Support for WebDAV mounts, Publish data to B2SHARE. Ideal for: Data managers with higher quota, storage and/or any specific requirements.

Technical Parameters	
Requested storage capacity	1 - 10 TB
Requested quota per user	100 - 500 GB
Access type	opportunistic - reserved
Start of service	date
Number of days	integer
Special requirements	string

For Communities And Organisations

The public B2DROP service is provided on a fair-share basis. Communities and/or organisations with specific requirements which can not be supported via the public fair-share service or or need higher level of security or access control can request consultancy in setting up and deploying a local B2DROP instance or can request a B2DROP instance which is hosted at one of the EUDAT partners. Features: dedicated B2DROP instance, Requirements are negotiable. Ideal for: Community/organisational data managers.

Technical Parameters	
Requested storage capacity	1 - 10 TB
Requested quota per user	100 - 500 GB
Access type	opportunistic - reserved
Start of service	date
Number of days	integer
Special requirements	string

For Researchers - Premium

The basic B2DROP service has a per user quota limit of 20GB. Researchers which have a need for higher quota's, higher storage capacity, specific requirements and/or (Nextcloud) applications enabled can request this via the B2DROP Premium service.

Technical Parameters	
Request quota capacity	100 - 2000 GB

EUDAT Collaborative Data Infrastructure IN EOSC

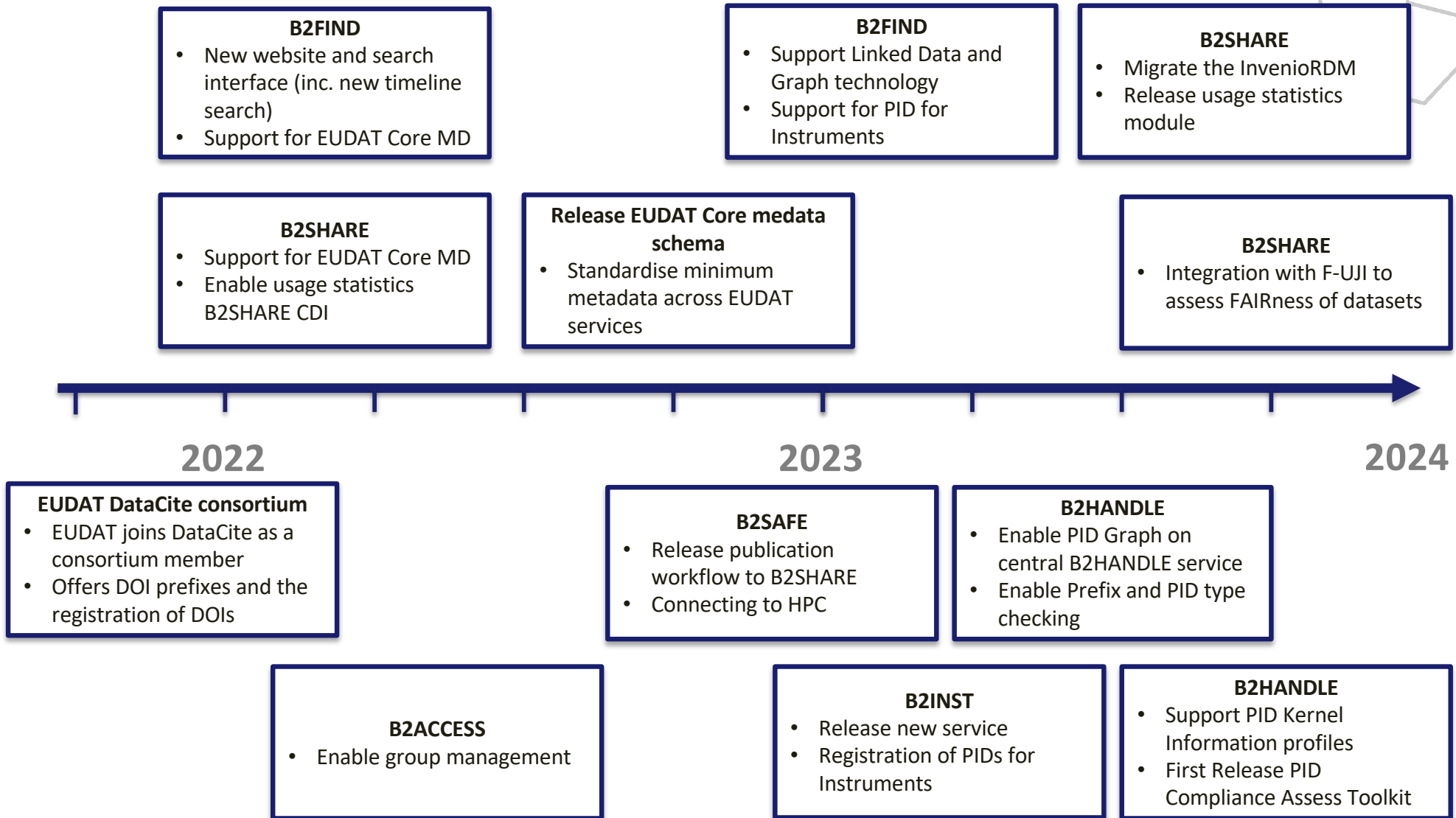
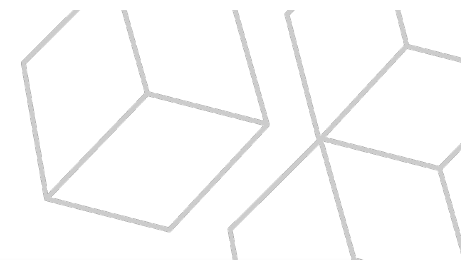
The screenshot shows the EUDAT provider page on the EOSC Marketplace. The page features the EUDAT logo and navigation links. The main content area includes a description of the EUDAT Collaborative Data Infrastructure (CDI), which is a network of over 20 European research organizations. It also features a 'Provider coverage' section with a world map and 'Recently added resources' including 'Piloting and co-design of...' and 'Virtual Language Observatory'.

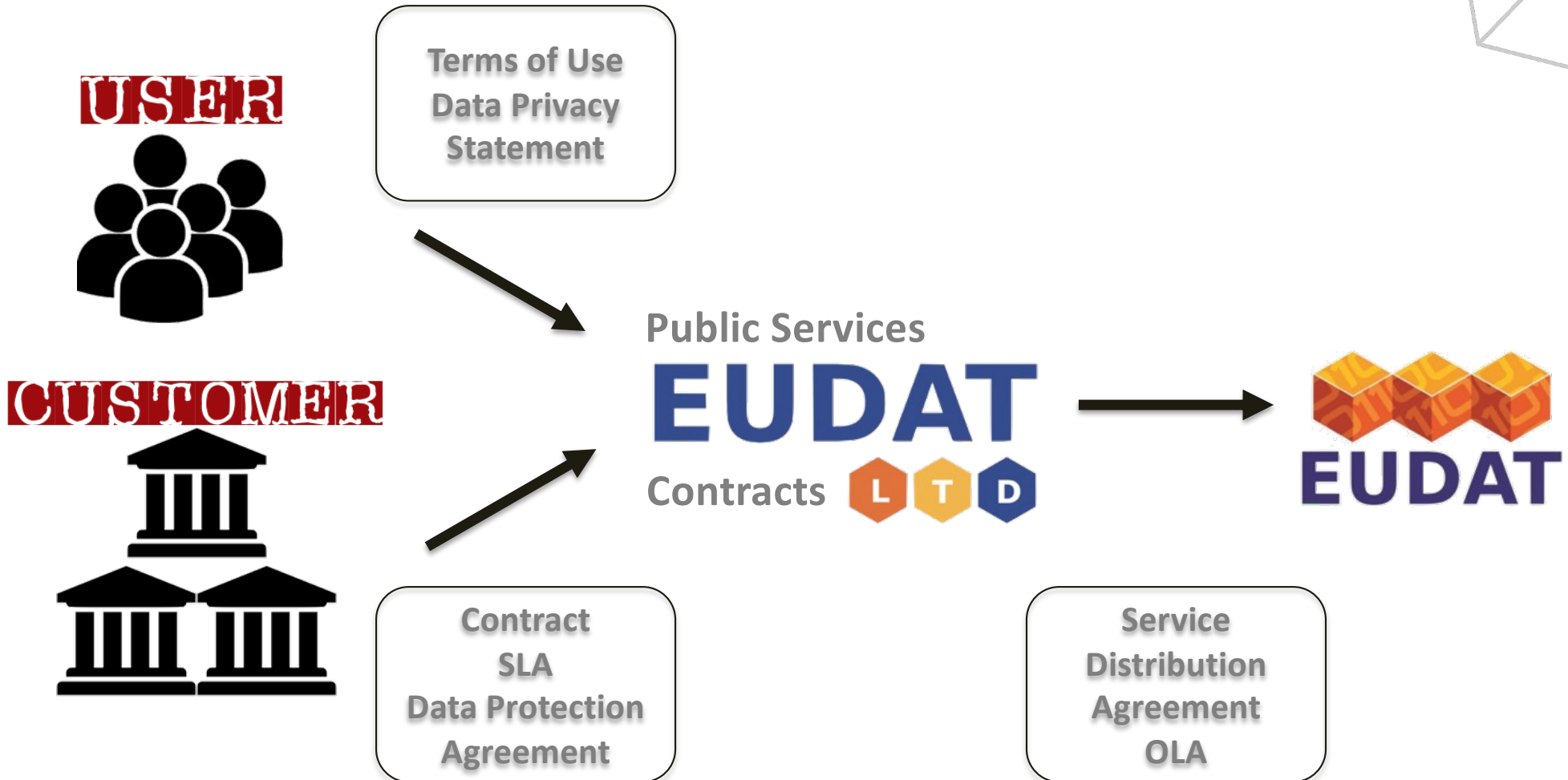
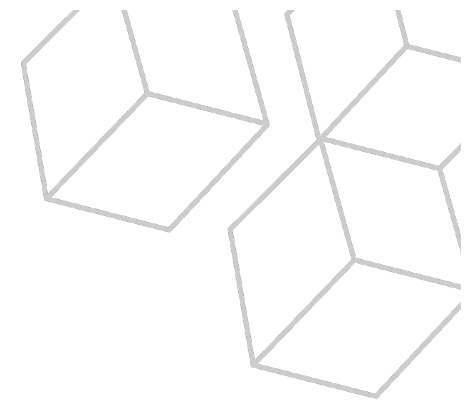
<https://marketplace.eosc-portal.eu/providers/eudat?q=EUDAT>

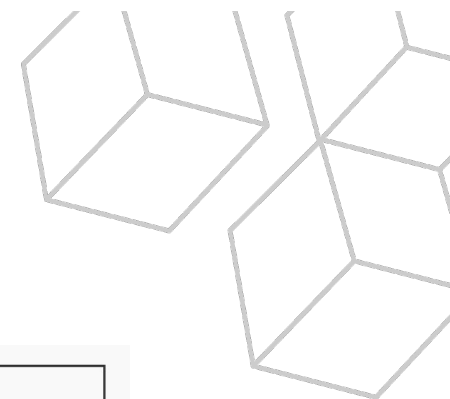
The screenshot shows the 'Resources' page on the EOSC Marketplace. The page displays a list of resources under the 'All Resources' section. The resources listed include B2SAFE, B2SHARE, Virtual Language Observatory, B2ACCESS, B2DROP, B2FIND, and B2HANDLE. Each resource card includes a brief description and an 'Add to comparison' button.

<https://marketplace.eosc-portal.eu/services?providers=2>

High-level Roadmap







Time	Speaker
14:30 - 14:40	<p>EUDAT: Service Overview <i>Mark van de Sanden (SURF),</i> EUDAT Secretariat Technical Coordinator</p>
14:40 - 15:00	<p>Update on B2SAFE <i>Michele Carpena (CINECA),</i> Service Owner B2SAFE</p>
15:00 - 15:20	<p>A Secure B2SHARE <i>Chris Ariyo (CSC),</i> Service Owner B2SHARE</p>
15:20 - 15:40	<p>Update on B2FIND <i>Claudia Martens (DKRZ),</i> Service Owner B2FIND</p>
15:40 - 16:00	<p>Update on PIDs - B2HANDLE and EUDAT Data Consortium <i>Themis Zamani (GRNET),</i> Service Owner B2HANDLE and EUDAT DataCite Consortium</p>





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THANK YOU



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