



EOSC-hub

Cross-domain Discovery of Research Data

Open Science Fair 2019 – Porto 2019

Workshop on *‘Data Discovery Across Disciplines’*



eudat.eu

eosc-hub.eu



[@EUDAT_eu](https://twitter.com/EUDAT_eu)

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EUDAT Collaborative Data Infrastructure (CDI)

provides a suite of generic Services for

FAIR Data management



Data discovery



Data access & sharing



Data management & preservation



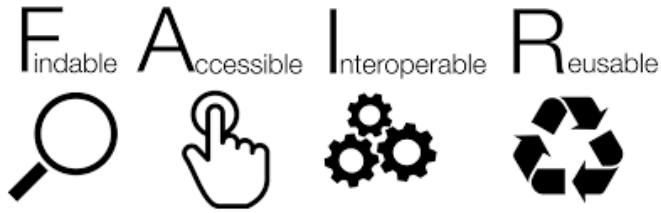
User management



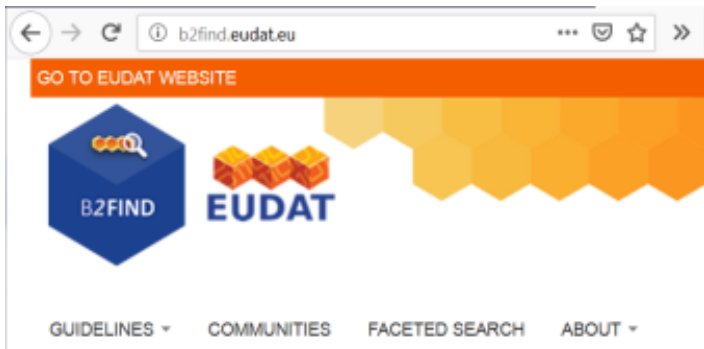
External domain



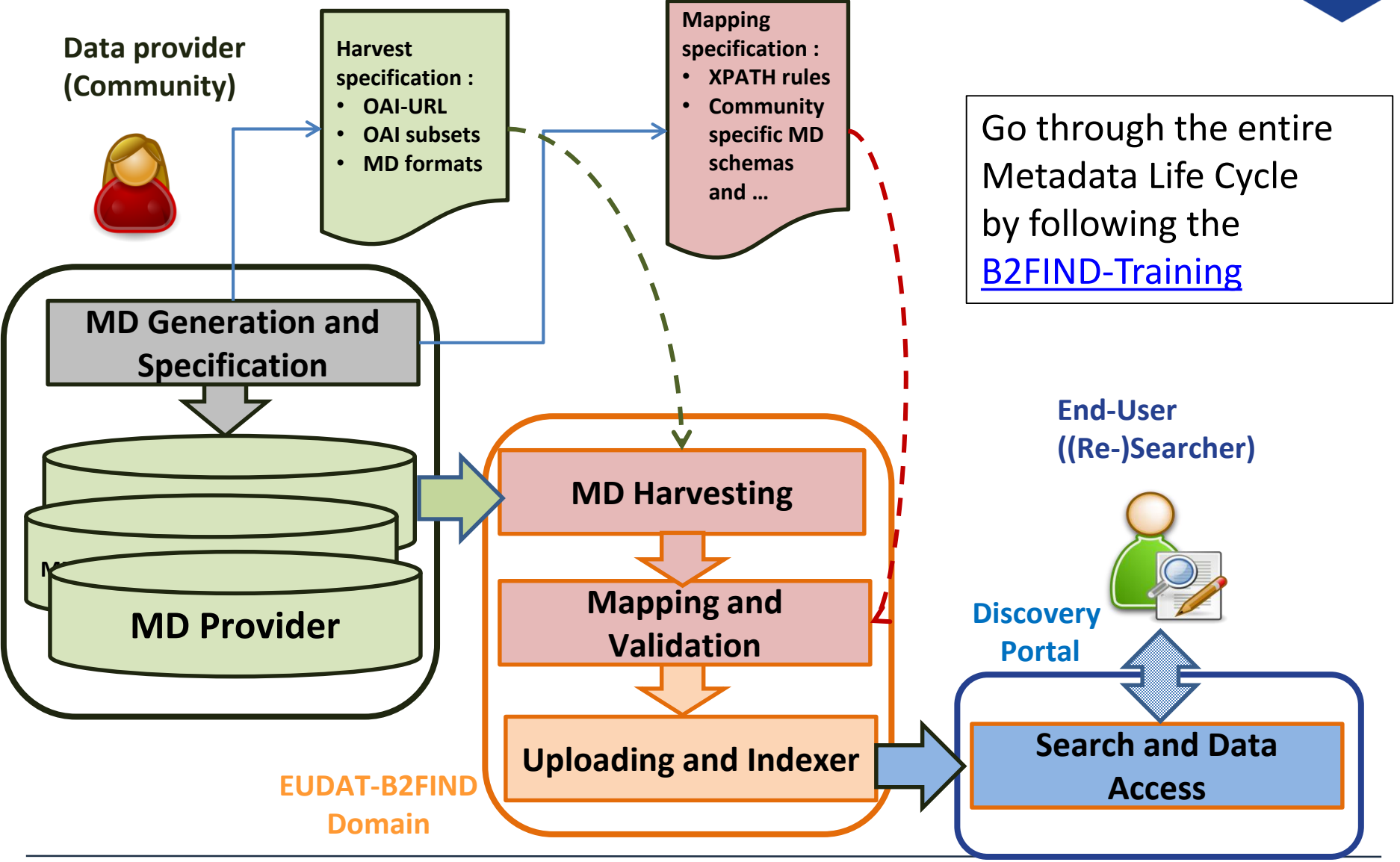
Metadata (MD) based Discovery Service



<http://b2find.eudat.eu/>

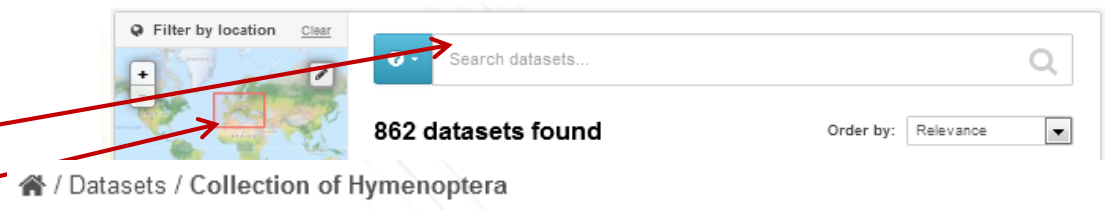


- = MD Catalogue + Search Index + Discovery Portal
- Follows FAIR principles
- Interdisciplinary
- Covering wide range of Research Domains
- Research Communities can make Research Data visible and findable
- Uptake follows Low Barrier Approach
- End-users can search, browse, find and access data on a cross-domain level



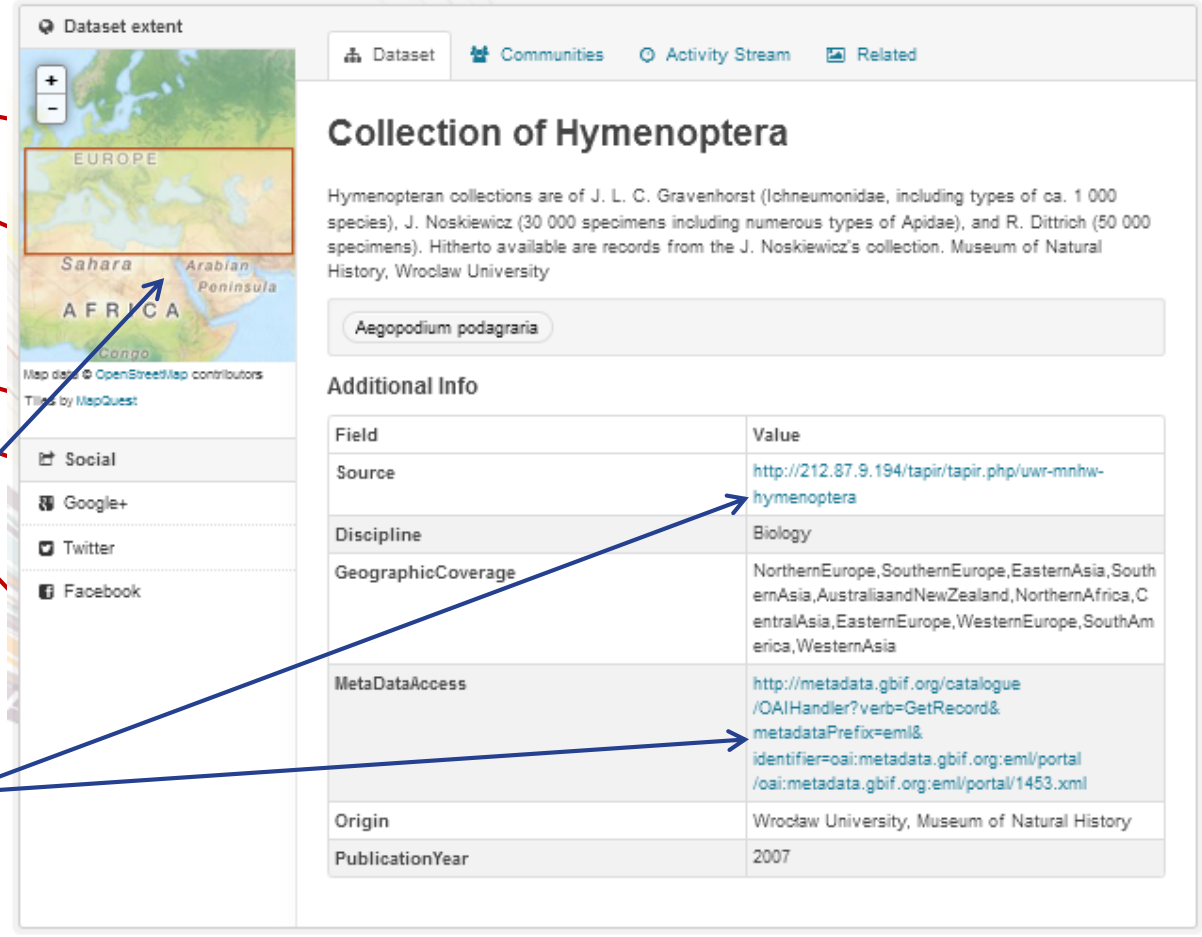
B2FIND provides 'faceted' search for

- Free text
- Geospatial
- Temporal coverage
- Publication year
- Textual facets as
 - Tags
 - Creator
 - Discipline etc.



Filter by location Clear + - Search datasets... 862 datasets found Order by: Relevance

[Home](#) / [Datasets](#) / [Collection of Hymenoptera](#)



Dataset extent

Collection of Hymenoptera

Hymenopteran collections are of J. L. C. Gravenhorst (Ichneumonidae, including types of ca. 1 000 species), J. Noskiewicz (30 000 specimens including numerous types of Apidae), and R. Dittrich (50 000 specimens). Hitherto available are records from the J. Noskiewicz's collection. Museum of Natural History, Wrocław University

Aegopodium podagraria

Additional Info

Field	Value
Source	http://212.87.9.194/tapir/tapir.php/uwr-mnhw-hymenoptera
Discipline	Biology
GeographicCoverage	NorthernEurope,SouthernEurope,EasternAsia,SouthernAsia,AustraliaandNewZealand,NorthernAfrica,CentralAsia,EasternEurope,WesternEurope,SouthAmerica,WesternAsia
MetadataAccess	http://metadata.gbif.org/catalogue/OAIHandler?verb=GetRecord&metadataPrefix=eml&identifier=oai:metadata.gbif.org:eml/portal/oai:metadata.gbif.org:eml/portal/1453.xml
Origin	Wrocław University, Museum of Natural History
PublicationYear	2007

Dataset view provides display of metadata :

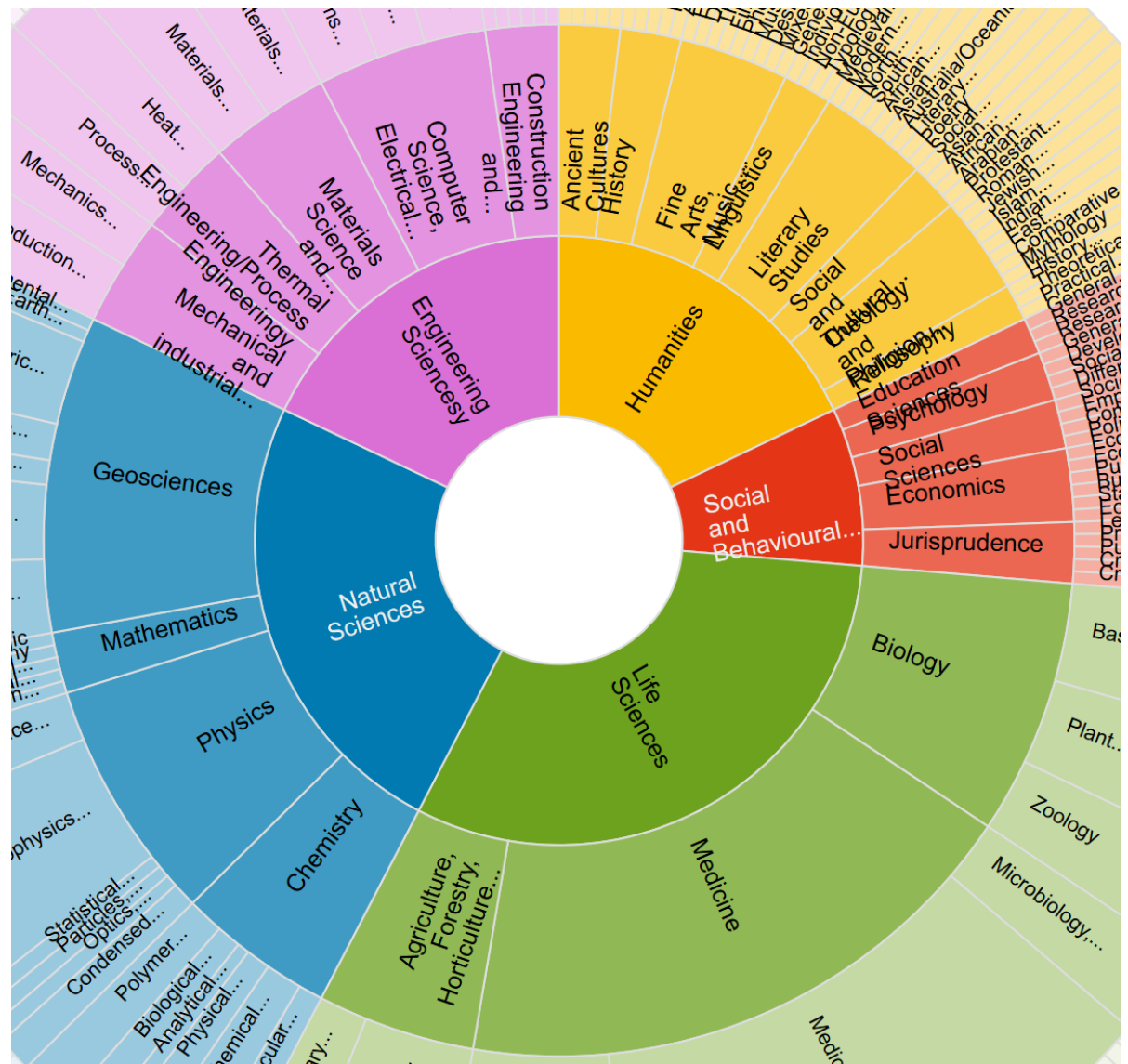
- Spatial extent
- Links to data resources

Categorisation of Scientific Disciplines

re3data and B2FIND are developing in the project [clarascience](http://clarascience.org) a 'Classification of Research Areas'

Graphical Interface to browse through 'Research Areas' → <http://eudat7-ingest.dkrz.de/statistics/disciplines.html>

(work in progress)



Extract of the GUI for browsing through B2FIND's research disciplines

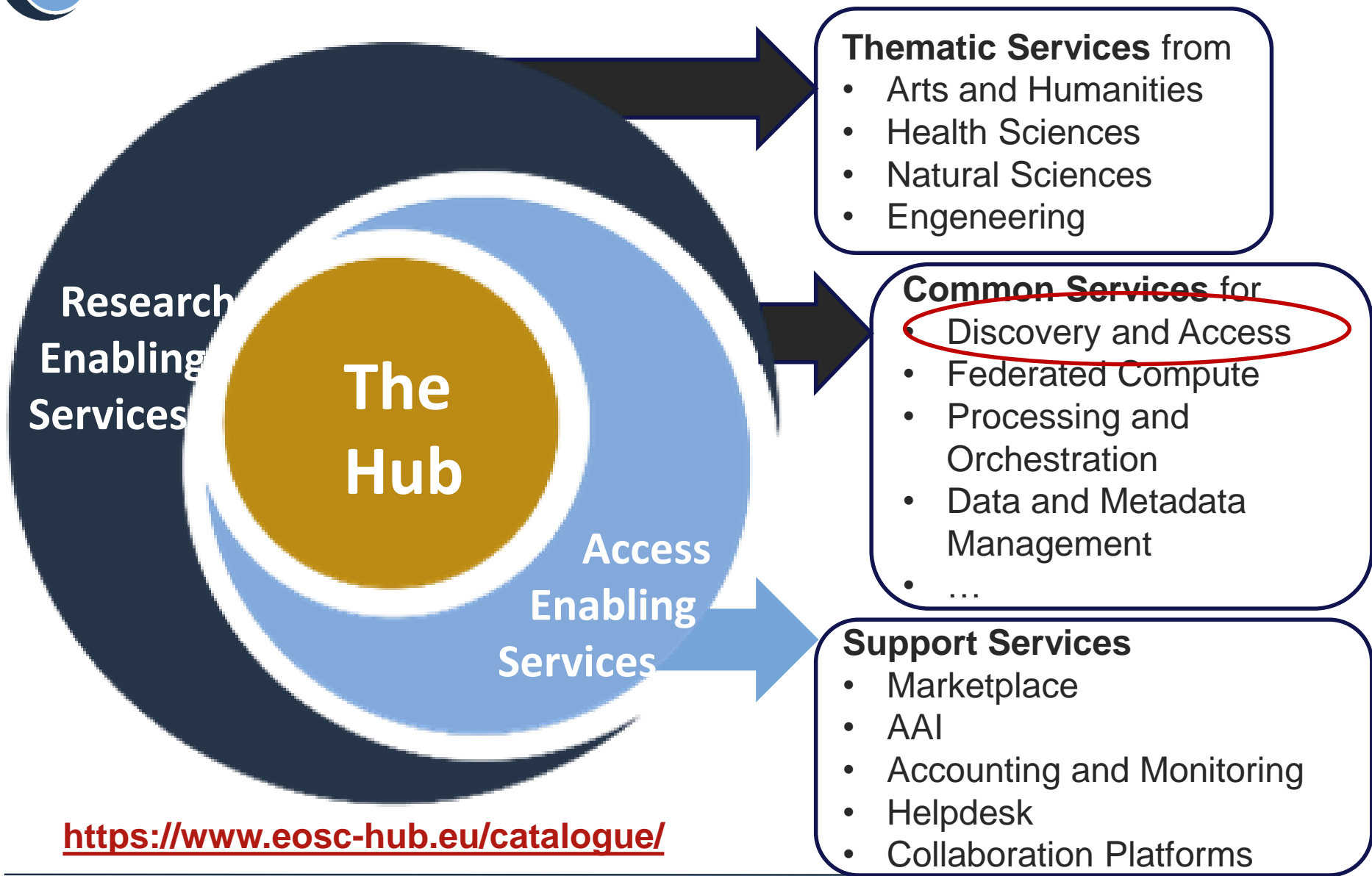


The European Open Science Cloud (EOSC)

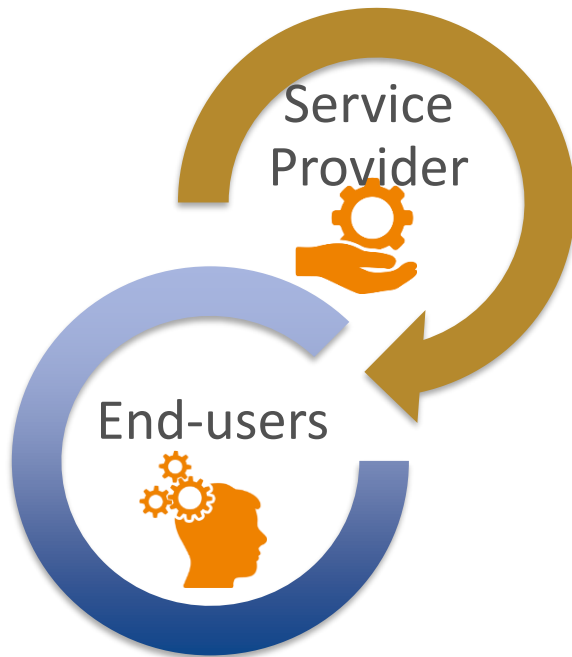
- united EUDAT-CDI, EGI and INDIGO-DataCloud



- brings together 20 major research infrastructures
- established the environment ,EOSC-hub', which provides open and innovative Services and Data for FAIR data management across disciplines



<https://www.eosc-hub.eu/catalogue/>



- B2FIND is the central Index and Discovery Service for research data within and beyond EOSC-hub
 - Making Open Science findable on a cross-disciplinary level
 - Allows to browse and search over 'Research Areas'
 - Integration with other EOSC-hub services
- Following Standards based on FAIR principles
 - Common Guidelines for Data Providers
 - Foster Collaboration , e.g. with partners from GO-FAIR Discovery IN, OpenAIRE, re3data, DataCite and others

Links



- ◉ EUDAT-CDI → <https://www.eudat.eu/eudat-collaborative-data-infrastructure-cdi>
- ◉ EOSC-hub → <https://www.eosc-hub.eu/>
- ◉ B2FIND Discovery portal and guidelines → <http://b2find.eudat.eu>
- ◉ B2FIND Guidelines for Data Providers → <http://b2find.eudat.eu/guidelines>
- ◉ Service description → <https://eudat.eu/catalogue/B2FIND>
- ◉ User documentation → <https://eudat.eu/services/userdoc/b2find>
- ◉ Training and tutorial → <https://github.com/EUDAT-Training/B2FIND-Training>

**Thank you for
your attention!**



Questions?

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