

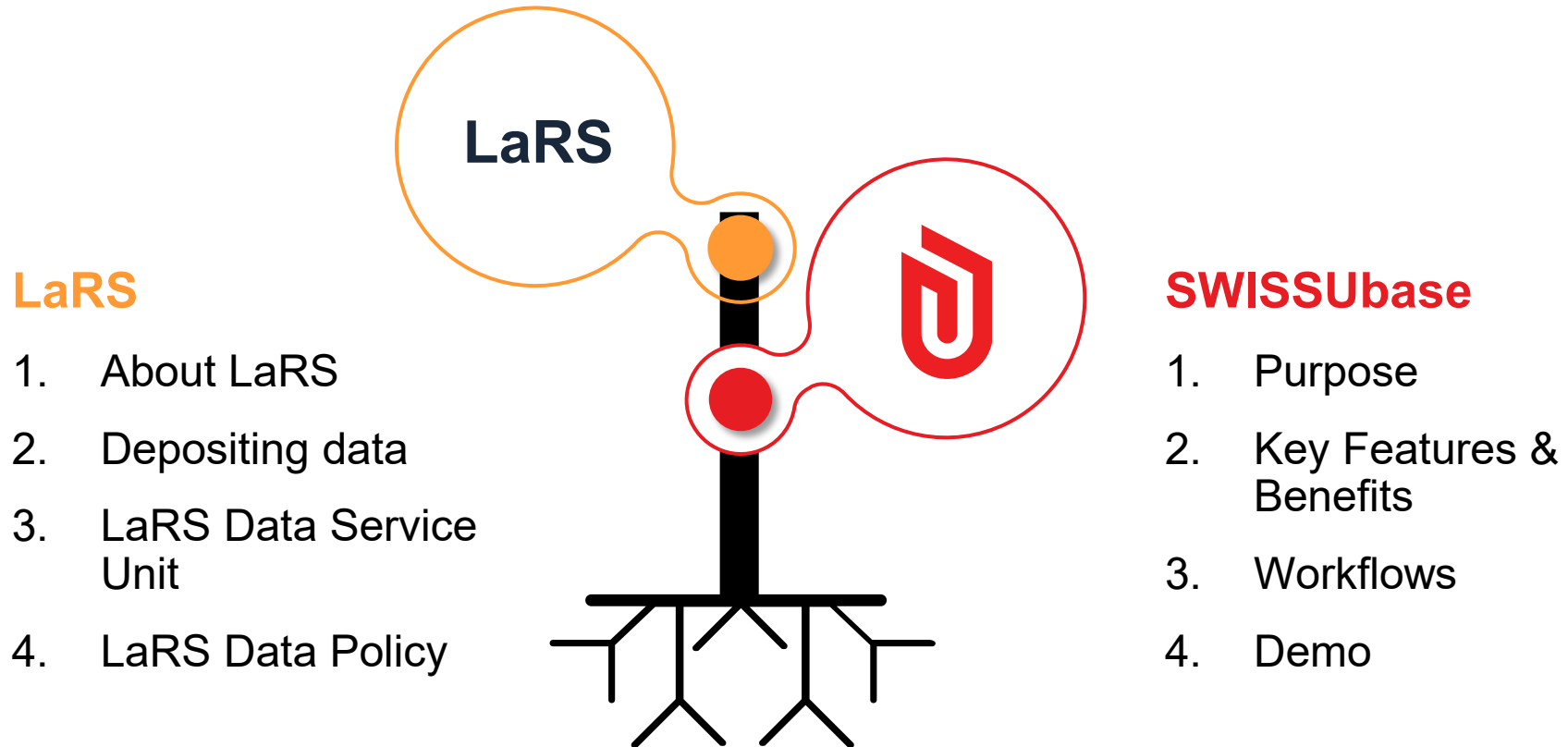


SWISS  base

LaRS-SWISSUbase for
Linguistics

14 February 2023

Outline



Language Repository of Switzerland (LaRS)

LaRS-SWISSUbase Webinar

Stefanie Strebel, Open Science Services
Dagmar Jung, Linguistic Research Infrastructure (LIRI)

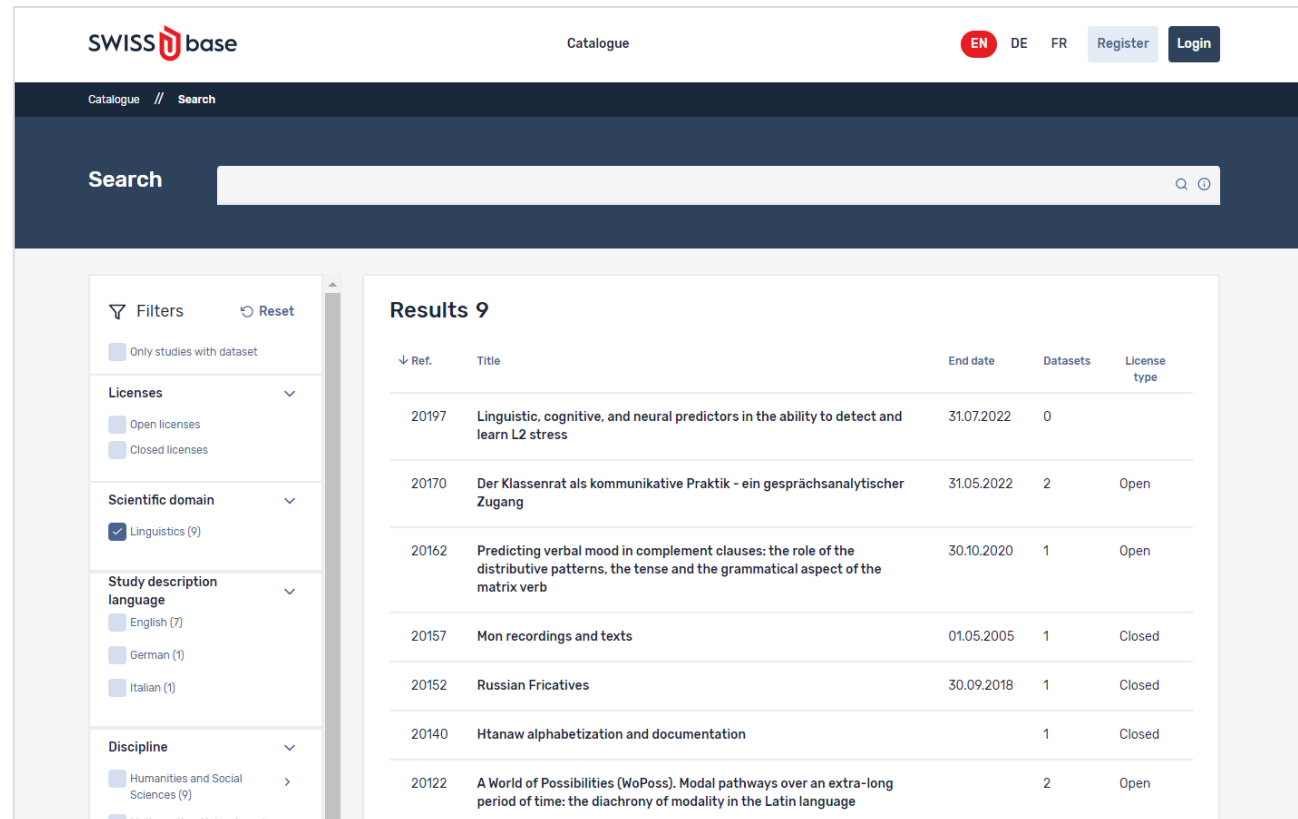
14 February 2023



About LaRS

The Language Repository of Switzerland (LaRS) is a domain-specific national platform for the publication of linguistic research data.

- powered by: **SWISS U base**
- online since September 2022
- free archiving and publishing of data
- linguistic metadata schema
- data stored in Switzerland



The screenshot shows the SWISS U base Catalogue search results page. The page features a search bar at the top, a navigation menu with language options (EN, DE, FR), and a search filter sidebar on the left. The search results are displayed in a table with columns for Reference (Ref.), Title, End date, Datasets, and License type. The results list 9 items, including studies on linguistic predictors, classroom communication, verbal mood prediction, mon recordings, Russian fricatives, Htanaw alphabetization, and a study on modal pathways in Latin.

Ref.	Title	End date	Datasets	License type
20197	Linguistic, cognitive, and neural predictors in the ability to detect and learn L2 stress	31.07.2022	0	
20170	Der Klassenrat als kommunikative Praktik - ein gesprächsanalytischer Zugang	31.05.2022	2	Open
20162	Predicting verbal mood in complement clauses: the role of the distributive patterns, the tense and the grammatical aspect of the matrix verb	30.10.2020	1	Open
20157	Mon recordings and texts	01.05.2005	1	Closed
20152	Russian Fricatives	30.09.2018	1	Closed
20140	Htanaw alphabetization and documentation		1	Closed
20122	A World of Possibilities (WoPoss). Modal pathways over an extra-long period of time: the diachrony of modality in the Latin language		2	Open

Who can publish data on LaRS?



- members of all Swiss institutions of higher education



- researchers at PhD level and above



- Linguistics and interdisciplinary research with a link to Linguistics

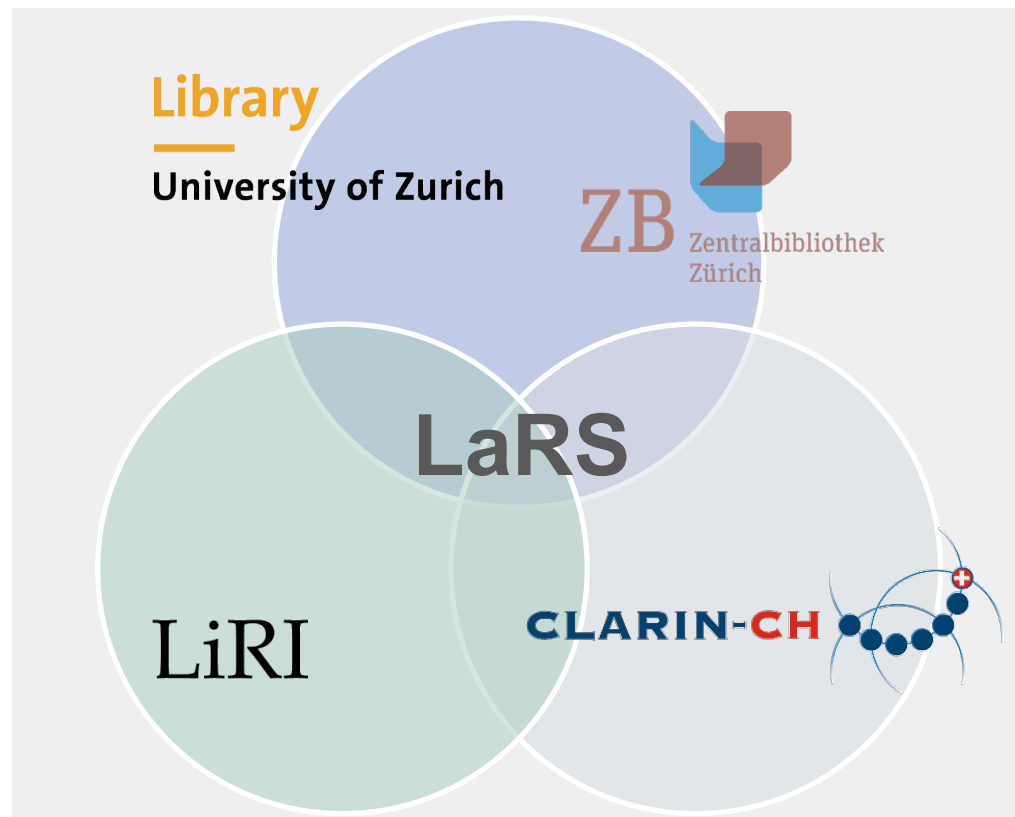
SWITCH edu-ID

- requirement: SWITCH edu-ID

What data can be published?



LaRS Data Service Unit (DSU)



Library

University of Zurich

Florian Steurer, LaRS Manager

Stefanie Strebel, Data Expert

Urs Müller, Liaison Librarian & Data Curation

Yannick Faillard, Data Curation & Communication

Christiane Niklowitz, Liaison Librarian & Data Curation

Nobutake Kamiya, Liaison Librarian & Data Curation



Vildane Bilali, Metadata Specialist & Data Curation

LiRI

Dagmar Jung, Data Acquisition Officer

Johannes Graën, Head of Language Technology Team

Gerold Schneider, Natural Language Processing Expert



Cristina Grisot, Scientific Coordinator

LaRS DSU responsibilities

Libraries

- management and coordination
- data curation
- metadata schema
- requirements management

LiRI

- technical data check
- data formats, encoding
- data curation

CLARIN CH

- communication to CLARIN CH community
- working groups

LiRI – Linguistic Research Infrastructure

Who are we?

- Technology platform of UZH
- Enabling internationally significant research in linguistics
- Support services, facilities and equipment

Linguistic Disciplines

- Neurolinguistics
- Corpus Linguistics
- Psycholinguistics
- Descriptive Linguistics
- Digital Linguistics
- Phonetics

Our objectives

- Collaborative Research
- Deal with Big Data
- Engage with Open Access and Open Science
- Enable Data Reproducibility

In collaboration with

CLARIN-CH

- Sharing of resources and expertise
- Affiliation and visibility

SWISSUbase

- Support for long-term archiving

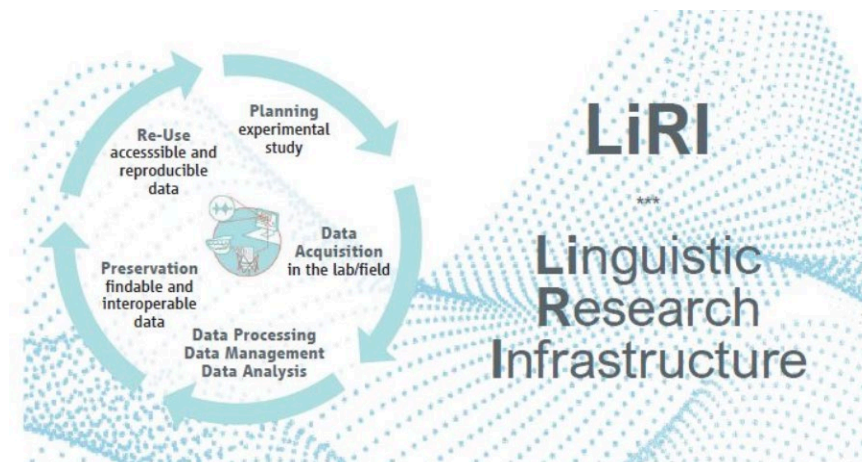
What we offer

- Language Technology
- Statistical support
- Machine Learning expertise
- Lab space and data acquisition for experimental research

more information ↘

Details & Contact

www.liri.uzh.ch



Data curation



- ✓ metadata checks, including linguistic metadata
- ✓ mandatory metadata block «Language»
- ✓ ZIP file structure
- ✓ file formats
- ✓ plausibility of file names
- ✓ readability of data
- ✓ typography

LaRS policy: key principles



Data ownership remains with the data depositors.



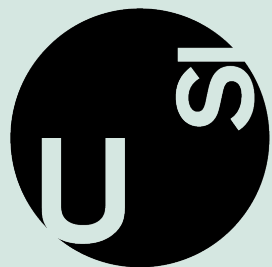
Sensitive data cannot be published. The responsibility lies with the data depositors.

F
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Compliance with the FAIR (findable, accessible, interoperable, reusable) principles, e.g.:

- data quality and consistency
- open file formats suitable for long-term archiving
- sufficient documentation for data reuse

Data publications since launch



Università
della
Svizzera
italiana



UNIL | Université de Lausanne



UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG



Pädagogische Hochschule Zug



Universität
Zürich^{UZH}



LaRS

Contact us:

swissubase@ub.uzh.ch

Find more information:

<https://resources.swissubase.ch/help/user-guide/linguistics-resources/>



SWISS  base

Welcome to SWISSUbase

Stefan Buerli, Project Leader

A Consortium built among Partners





Find data and projects within Switzerland

Search the catalogue ...



11'832 studies

SWISSUbase facilitates access to research data and projects across scientific disciplines.

SWISSUbase is a national cross-disciplinary solution for Swiss universities and other research organisations in need of local institutional data repositories for their researchers. The platform relies on international archiving standards and processes to ensure that data are preserved and accessible in the long-term.



Explore the catalogue

The catalogue includes over 11'800 scientific science research projects and is constantly updated. Discover the catalogue and liaise with the researchers.

[→ Go to the catalogue](#)



Get data

Discover and instantly download for free hundreds of datasets for your own research projects. Start your analyses right away.

[→ Go to the catalogue](#)



Publish your study

Register your research project in our database to gain visibility, expand your network, and develop new collaborations.

[📖 Read the guide](#)



Deposit your data

Share your data and ensure their long-term preservation while meeting funder and/or journal requirements and increasing citations of your research.

[📖 Read the guide](#)

What is SWISSUbase?

> **Platform** – A flexible platform for the deposit and archival of Swiss research data, with tailored metadata for:

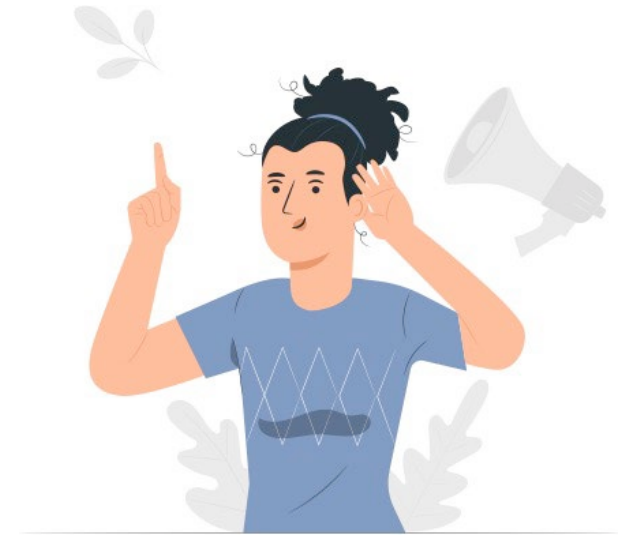
Long-term preservation, access and reuse of high-quality data.

> **Services** – Data curation, support and consultation services direct to users.



What SWISSUbase is NOT

- > No «deposit and forget» data repository
- > No Virtual Research Environment
- > No Live Archive with living data



Purpose of SWISSUbase



- > To answer the call for a flexible, national, multi-disciplinary data repository and archiving solution
- > To ensure high quality data and rich discipline-specific metadata
- > To promote the long-term archiving and reuse of **Swiss research data**

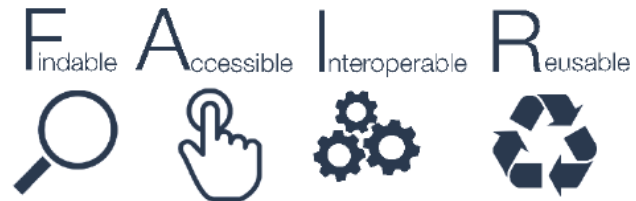
Why use SWISSUbase?

- > General and Discipline-specific metadata
- > Multilingual user interface (DE, FR, EN)
- > Data curation by archiving experts
- > Personal support & consultation services
- > Data hosted on Swiss servers (SWITCH)
- > Free for researchers (!)



Compliance with International Standards

Data



Metadata



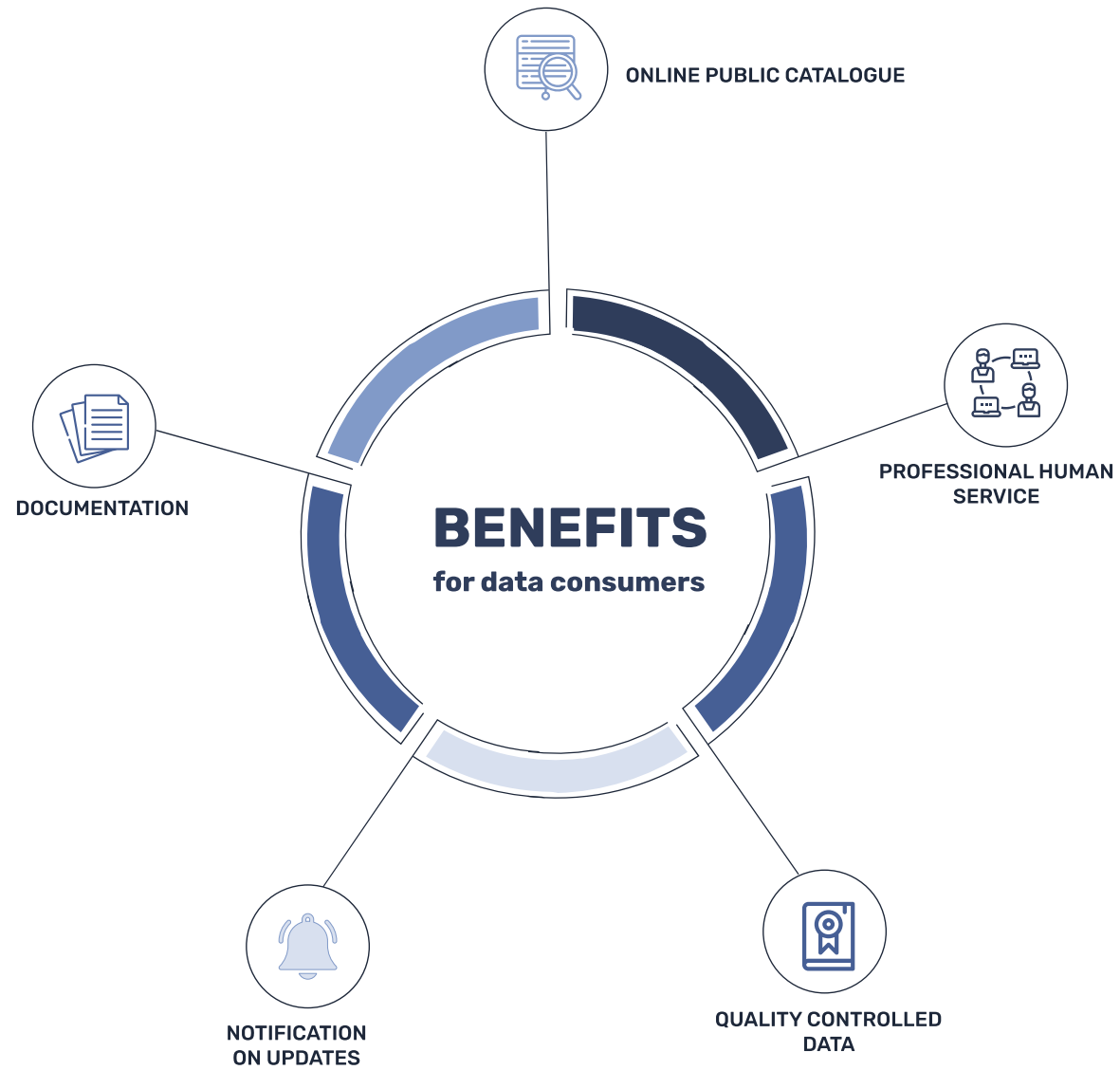
Archiving



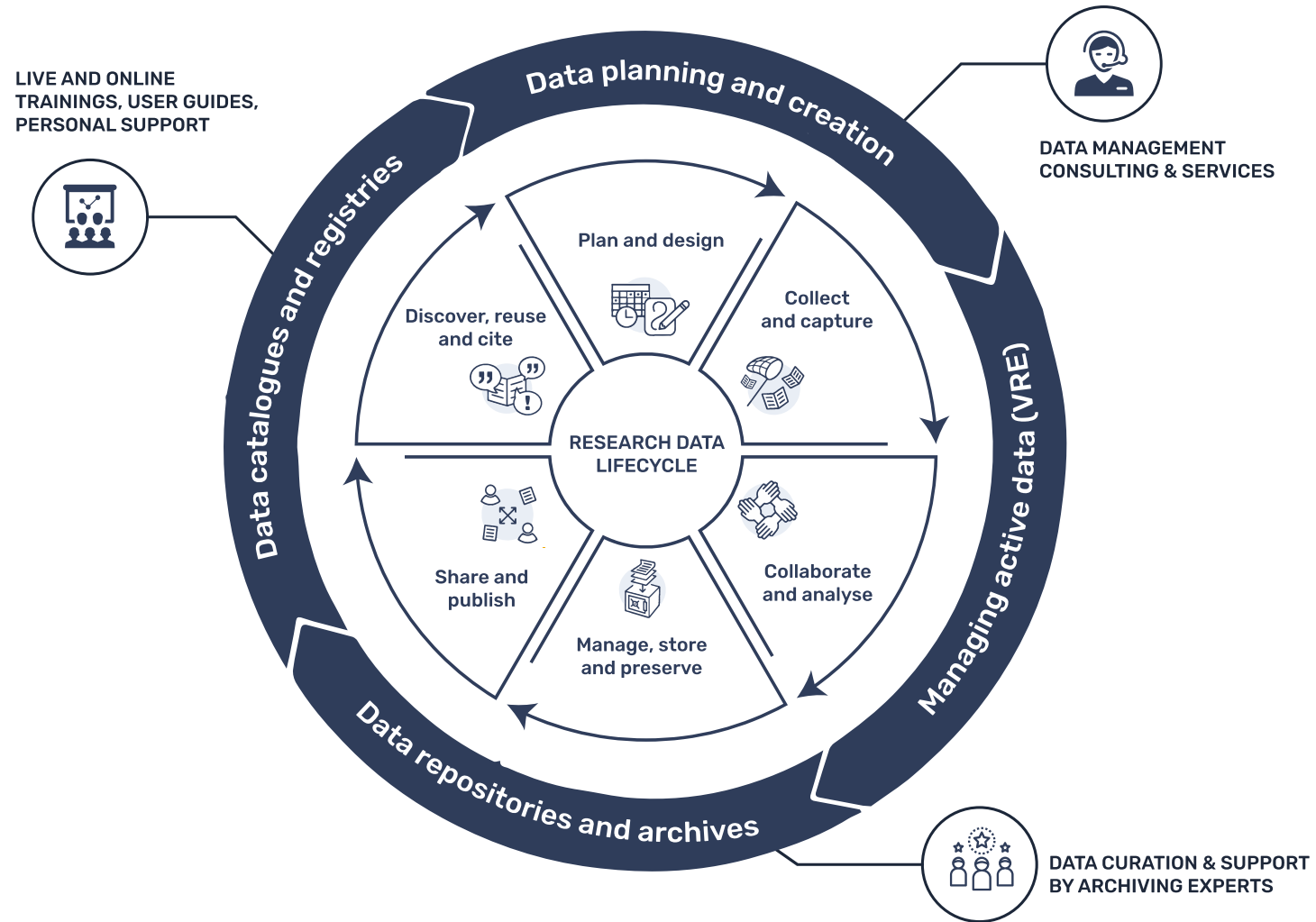
Benefits for Data Producers



Benefits for Data Consumers



What's Unique about SWISSUbase?

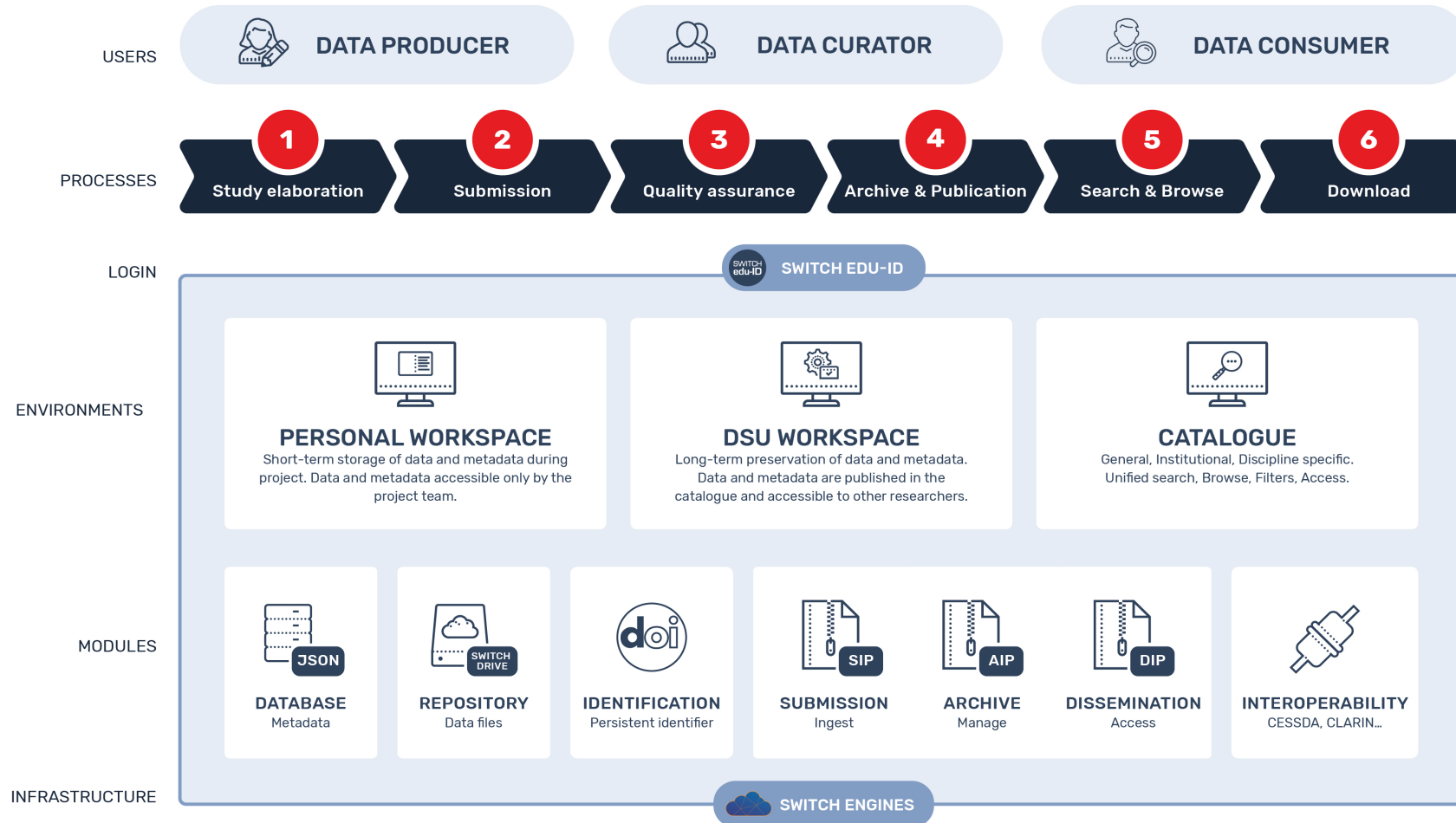


Benefits for Linguists

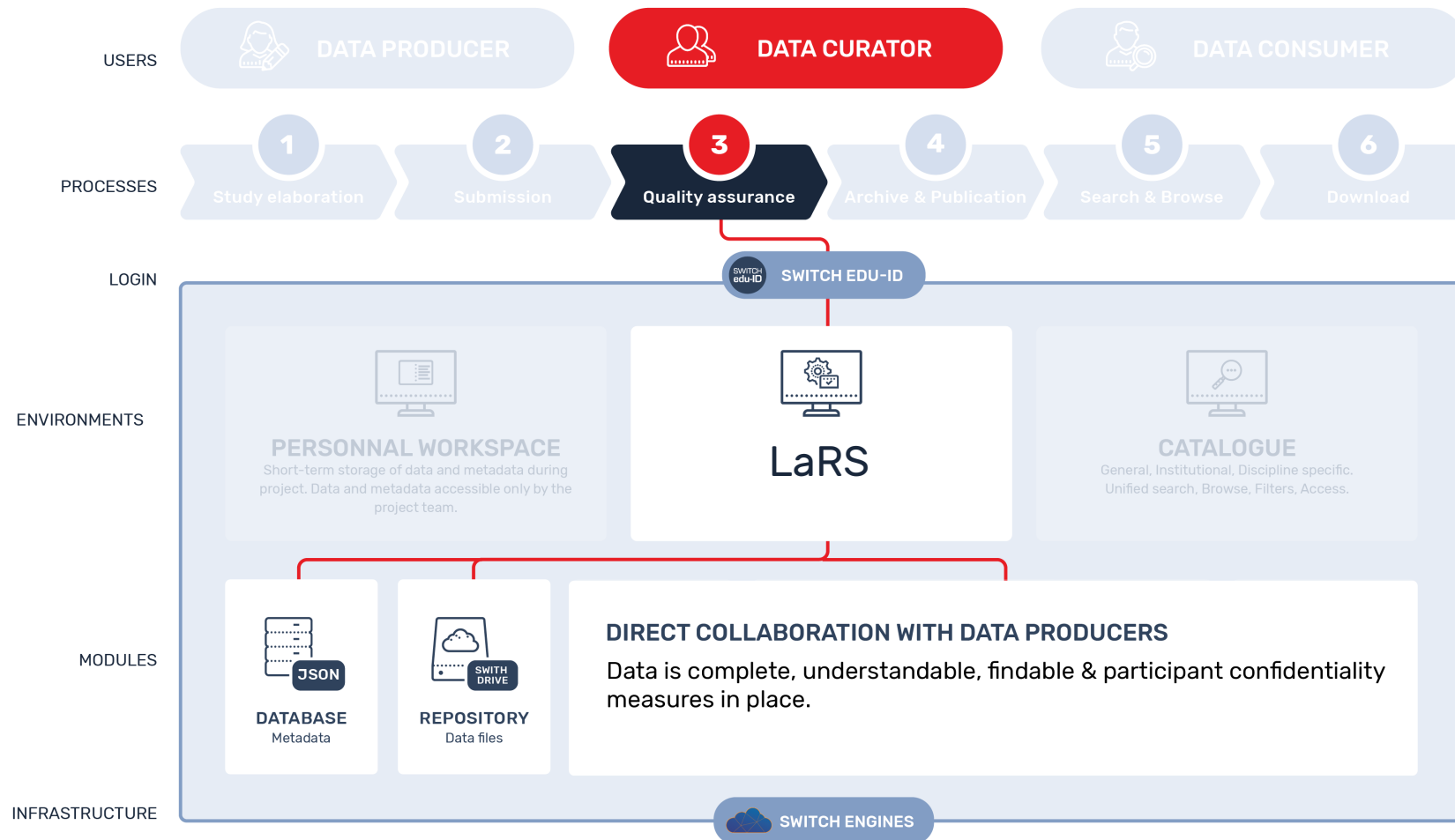
- Discipline-specific repository for data deposit, archiving and sharing (increased visibility of data, DOI, ...)
- Linguistic metadata schema based on META-SHARE
- Expansion of metadata schema to accommodate the needs of the community
- Disciplinary specialists in the DSU for data curation and consultation



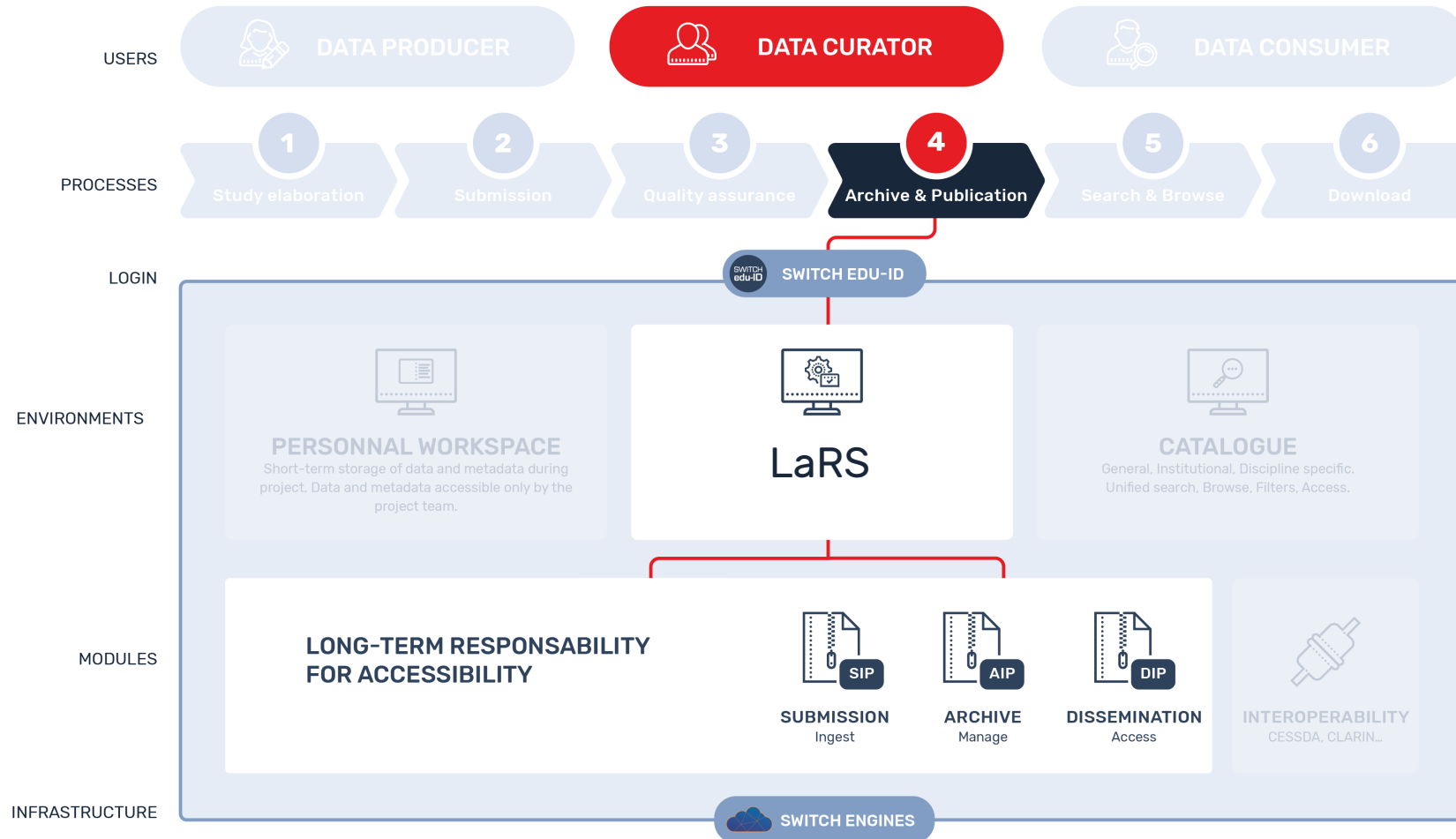
What happens when I deposit my data?



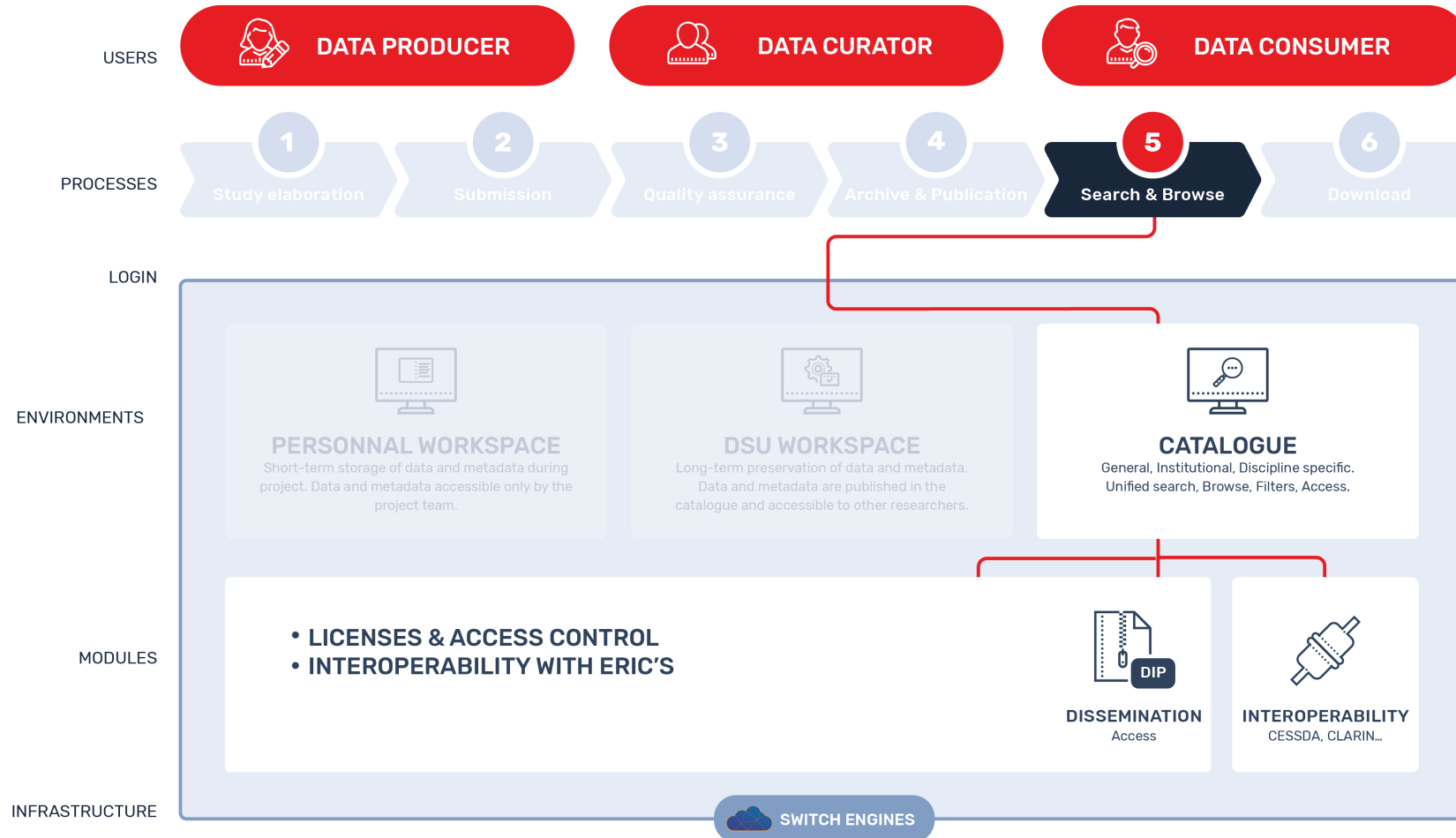
What happens after I deposit my data?



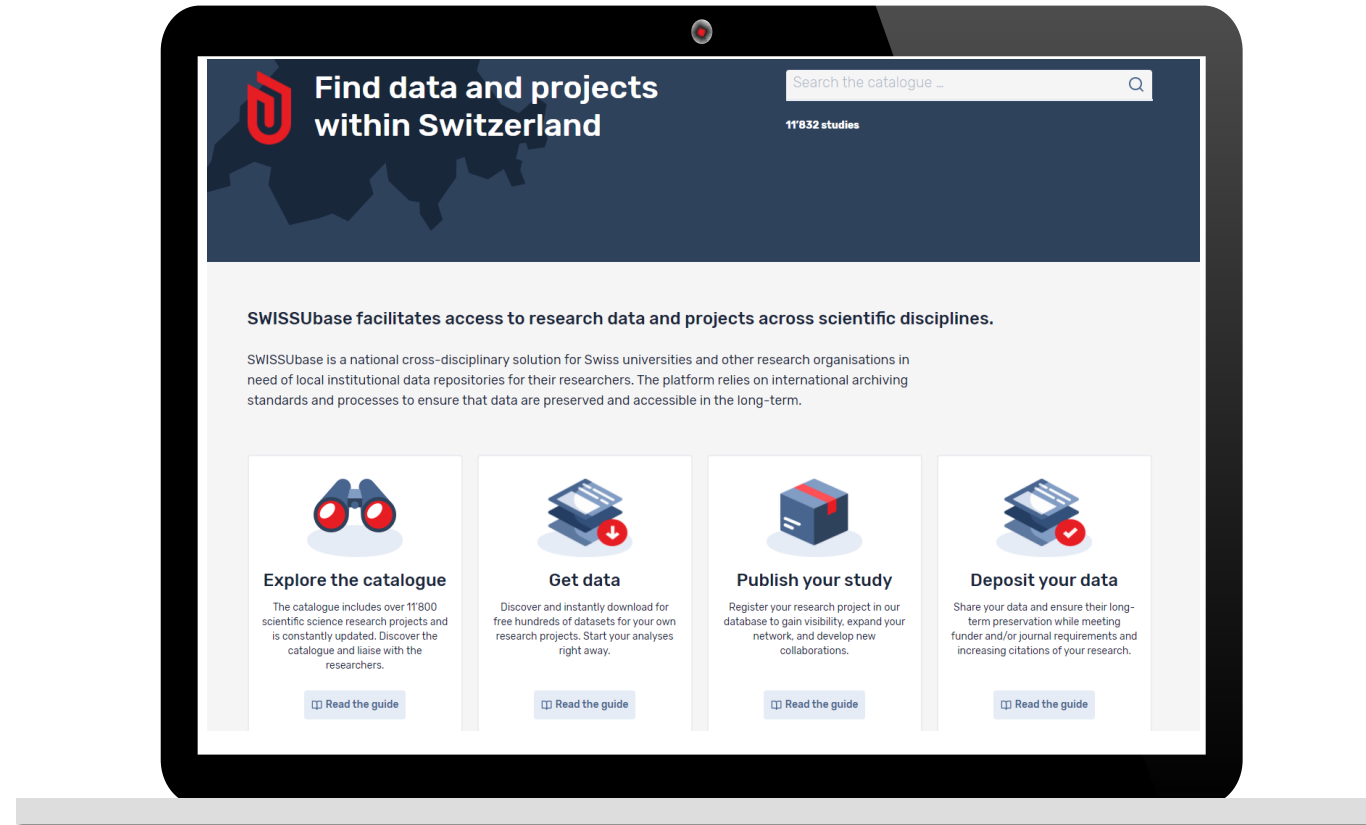
What happens after I deposit my data?



What happens after the data is published?



Demo



Last words...

- > SWISSUbase access: www.swissubase.ch
- > Sign up for SWISSUbase news and updates when you create an account
- > Spread the word to other colleagues!

Questions about
Linguistics studies and data:
swissubase@ub.uzh.ch



Questions about
SWISSUbase:
support@swissubase.ch

SWISSUbase Linguistics Resources:

<https://resources.swissubase.ch/help/user-guide/linguistics-resources/>

YouTube – Information & Video Tutorials:

www.youtube.com/@swissubase1824

Questions



Thank you!

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www.swissubase.ch

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