

IASSIST 2023 - C3 - Data management and archiving

The ODISSEI Portal: building a metadata repository for the social sciences in the Netherlands

Angelica Maineri & the ODISSEI Portal Team

1 June 2023

Slides are available on Zenodo: [10.5281/zenodo.7970561](https://zenodo.org/doi/10.5281/zenodo.7970561)



ODISSEI

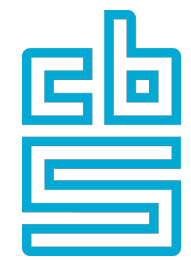
Open Data Infrastructure for Social Science and Economic Innovations



The Dutch national infrastructure for Social Science

ODISSEI creates a federated data infrastructure for the social and economic sciences in the Netherlands, on behalf of more than 45 member organisations.





@ODISSEI_NL

The ODISSEI Portal

The ODISSEI Portal is developed by **DANS**, **VU**, **SURF**

with the involvement of metadata providers: **CBS** and **Centerdata-LISS** panel (more to follow)



The current landscape

- SocSci data scattered across different repositories
- Heterogeneity in metadata schemas, access conditions, etc...
- Sensitive data: Data providers want to remain in control



The current landscape

CBS (administrative data)

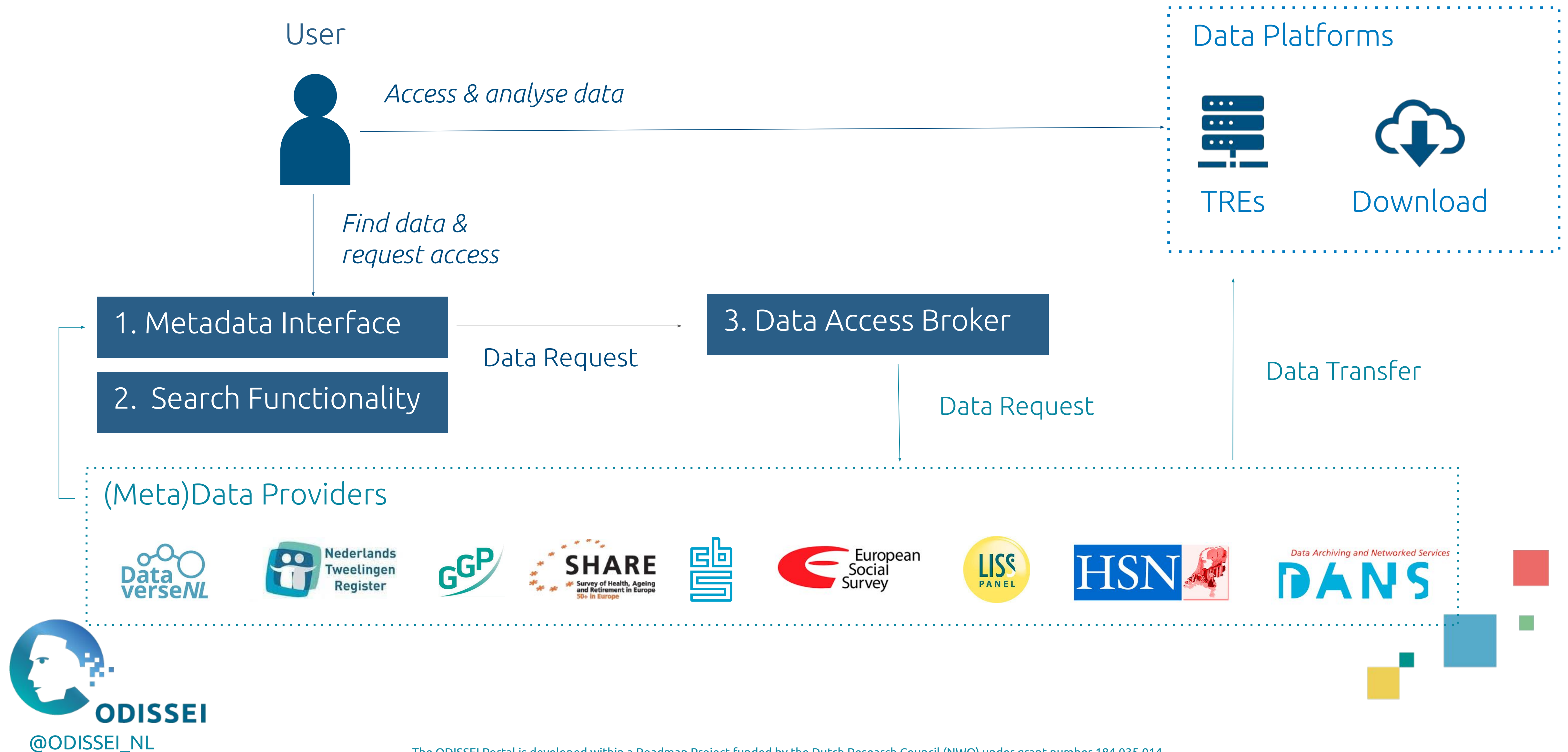
- only available via dedicated Remote Access Environment
- documented only via pdfs on their own website
- metadata schema unclear, some SDMX

LISS panel (longitudinal survey data)

- LISS Data archive
- DDI
- Access for researchers after signing statement



What do we want to achieve with the ODISSEI Portal?



Current status and future developments

Visit the prototype version of the ODISSEI Portal at:
<https://portal.odissei.nl/>

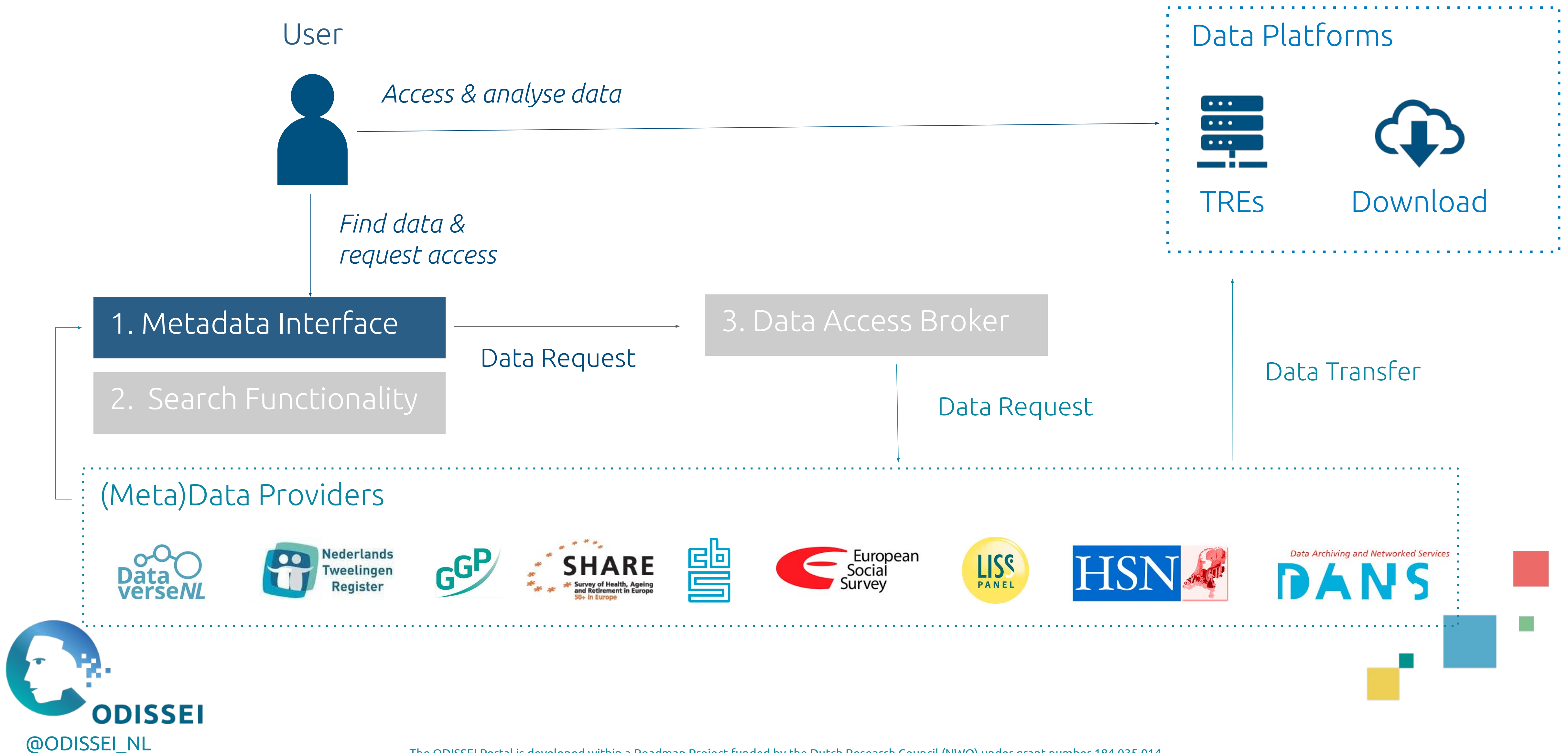
Comments? <https://edu.nl/wvjcg>



ODISSEI

Open Data Infrastructure for Social Science and Economic Innovations

What do we want to achieve with the ODISSEI Portal?



Metadata interface



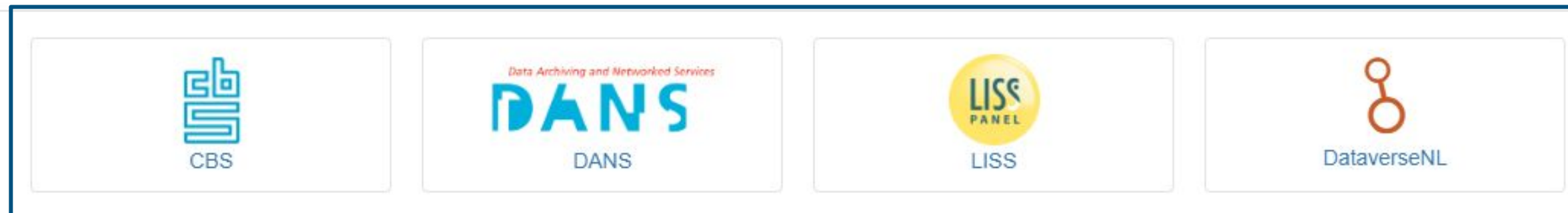
Search User Guide Support Log In

ODISSEI Portal

(ODISSEI - Open Data Infrastructure for Social Science and Economic Innovations)

Contact Share

Welcome to the prototype of the ODISSEI portal. The ODISSEI Portal combines metadata from a wide variety of research data repositories into a single interface, allowing for advanced semantic queries to support findability, and facilitate data access. The portal is under active development and features and content will be improved throughout the ODISSEI Roadmap project.



Search this dataverse... Advanced Search

Dataverses (16)
 Datasets (5,321)

Dataverse Category
Organization or Institution (16)

Publication Year
2023 (863)
2022 (266)
2021 (503)
2020 (316)
2019 (193)

More...

Keyword Term
sociology (328)
education (298)
health (223)



1 to 10 of 5,337 Results

Sort

- LISS panel > Time Use and Consumption
Mar 28, 2023 - LISS
Vermeulen, Frederic, 2023, "LISS panel > Time Use and Consumption", <https://doi.org/10.17026/dans-2cv-vz2c>, ODISSEI Portal, V1
The survey focuses on time use and consumption expenditures.
- Disease Prevention
Mar 28, 2023 - LISS
Kooreman, P.; Carman, Katie, 2023, "Disease Prevention", <https://doi.org/10.17026/dans-xaq-s8ms>, ODISSEI Portal, V1
The study focuses on health behaviour and disease probabilities.
- LISS panel > Unaffiliated spirituality and social engagement
Mar 28, 2023 - LISS
Berghuijs, Joantine, 2023, "LISS panel > Unaffiliated spirituality and social engagement", <https://doi.org/10.17026/dans-25q-xse2>, ODISSEI Portal, V1

Current:

- Portal running on Dataverse
- Over 5,000 records from four main metadata providers
- All have a DOI and some basic metadata
- Recommended citation
- Some also include variable-level metadata (variable name and label)
- Provenance information
- Current list of supported fields [available on Zenodo](#)



Metadata interface

ODISSEI Portal

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Variable Information

Variable

- Variable Name: RINPERSOONS
- Variable Label: Oorsprong RINPERSOON: codes 'K', 'R', en 'S' geven status van koppeling met GBA
- Variable Name: RINPERSOON
- Variable Label: Betekenis- en dimensieloos identificatienummer ter vervanging van het Sofi-nummer/BSN
- Variable Name: BAANRUGID
- Variable Label: Door het CBS bepaalde identificatie van de inkomstenverhouding
- Variable Name: AANVBUS
- Variable Label: Datum aanvang inkomstenopgave
- Variable Name: EINDBUS
- Variable Label: Datum einde inkomstenopgave
- Variable Name: AANTSV
- Variable Label: Aantal SV-dagen waarover loon is genoten
- Variable Name: AANTVERLU
- Variable Label: Aantal verloonde uren

Search this data

Dataverse

Datasets

Dataverse Category

Organization or Institution

Publication Year

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ODISSEI

Current:

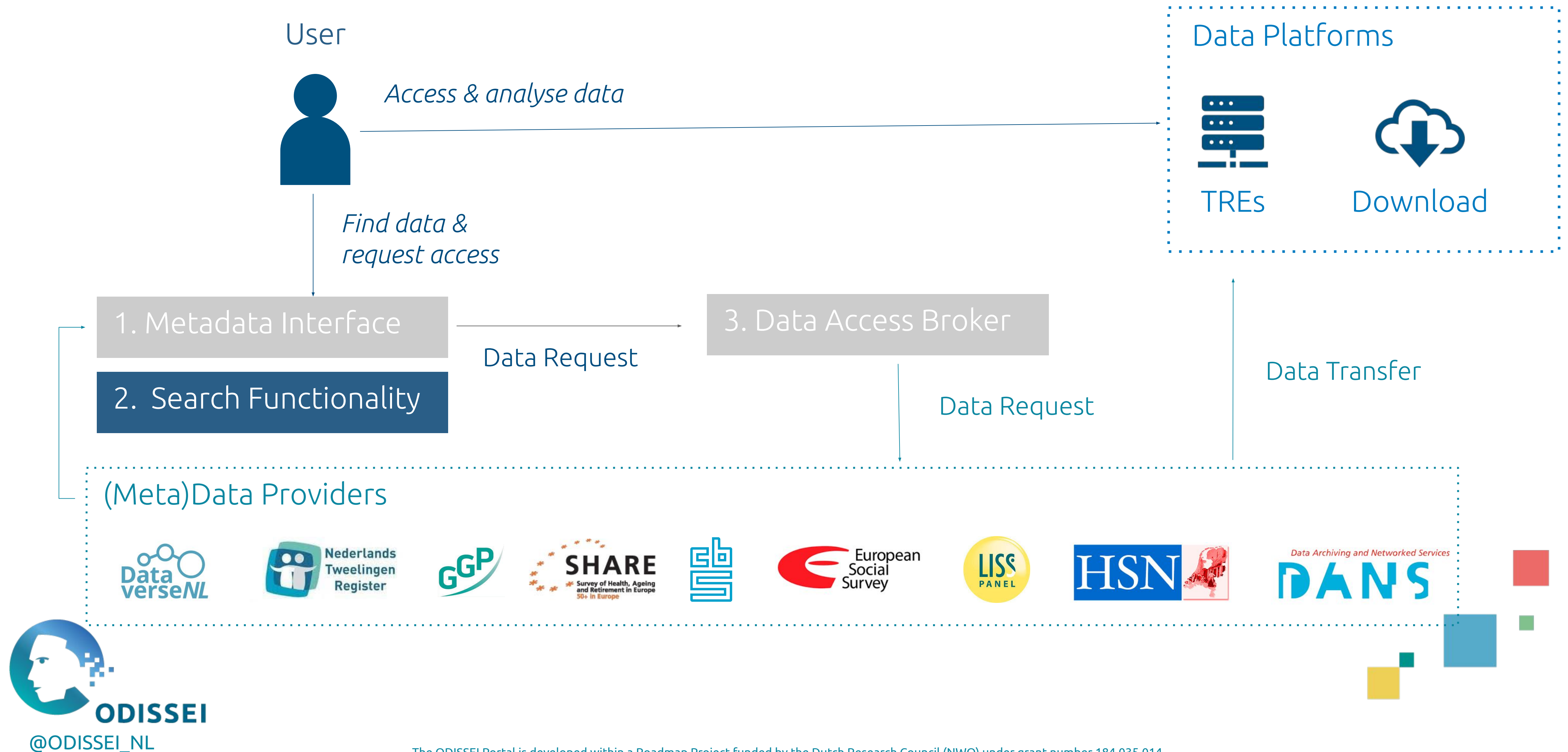
- Portal running on Dataverse
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- Current list of supported fields [available on Zenodo](#)

Future:

- Include more metadata
 - Also from commercial and government entities
- Exchange metadata with other platforms
 - CESSDA
 - Health Sciences and Humanities
- Variable-level metadata for more providers



What do we want to achieve with the ODISSEI Portal?



Search functionality

kindouder  Advanced Search

 Dataverses (0)

 Datasets (2)

Publication Year

1998 (1)

1994 (1)

Keyword Term

Sociaaleconomische en ruimtelijke statistieken/Leefsituatie, inkomen en samenhang/Nationaal Kiezersonderzoek (NKO) (2)


Distributor Name

Centraal Bureau voor Statistiek (2)

Topic Classification Term

Overheid en politiek (2)

1 to 2 of 2 Results

 Sort ▾

-  Nationaal Kiezersonderzoek onder Nederlandse stemgerechtigden met informatie over de achtergrond van hun stemgedrag 

Jan 1, 1994 - CBS

Centraal Bureau voor Statistiek, 1994, "Nationaal Kiezersonderzoek onder Nederlandse stemgerechtigden met informatie over de achtergrond van hun stemgedrag", <https://doi.org/10.57934/0b01e4108040071e>, ODISSEI Portal, V1

Het NKO 1994 is het Nationaal Kiezersonderzoek dat rondom de Tweede Kamerverkiezingen van 3 mei 1994 door het CBS in samenwerking met de Stichting Kiezersonderzoek Nederland (SKON) is uitgevoerd. Het doel van het onderzoek is om de achtergronden van het stemgedrag vast te stellen...

Variable Variable Name: **kindoud**
-  Nationaal Kiezersonderzoek onder Nederlandse stemgerechtigden met informatie over de achtergrond van hun stemgedrag 

Jan 1, 1998 - CBS

Centraal Bureau voor Statistiek, 1998, "Nationaal Kiezersonderzoek onder Nederlandse stemgerechtigden met informatie over de achtergrond van hun stemgedrag", <https://doi.org/10.57934/0b01e410804381a5>, ODISSEI Portal, V1

Het NKO 1998 is het Nationaal Kiezersonderzoek dat rondom de Tweede Kamerverkiezingen van 6 mei 1998 door het CBS in samenwerking met de Stichting Kiezersonderzoek Nederland (SKON) is uitgevoerd. Het doel van het onderzoek is om de achtergronden van het stemgedrag vast te stellen...

Variable Variable Name: **kindoud**

Current:

- Search across providers and fields
- Faceted filters



Search functionality

ELSSST Topics ^

Topic ? Sociaaleconomische en ruimtelijke statistieken/Milieu/Van gemeentewege ingezameld afval/Hoeveelheden

Topic ? Afvalstoffen AFVALSTOFFEN <https://elsst.cessda.eu/id/3/bedc0dc5-1d8a-4863-9177-78b5cb68f62b>

Current:

- Search across providers and fields
- Faceted filters

Future:

- Enrichments using existing controlled vocabularies
 - e.g. Keyword enrichment using ELSST (European Language Social Science Thesaurus)
- Multilingual search
- Semantic search
- Integrate with metadata graph
- Display linkage opportunities

MILIEU > MILIEUBEHEER > AFVALSTOFFEN

PREFERRED TERM

AFVALSTOFFEN 

BROADER CONCEPT

MILIEUBEHEER

NARROWER CONCEPTS

RADIOACTIEVE AFVALSTOFFEN
RECYCLING
RIOOLWATER
WEIGEREN

RELATED CONCEPTS

AFVALVERWIJDERING EN -VERWERKING

IDENTIFIER

<urn:ddi:int.cessda.elsst:bedc0dc5-1d8a-4863-9177-78b5c>

IS A VERSION OF

<https://elsst.cessda.eu/id/bedc0dc5-1d8a-4863-9177-78b>

HAS PREVIOUS VERSION

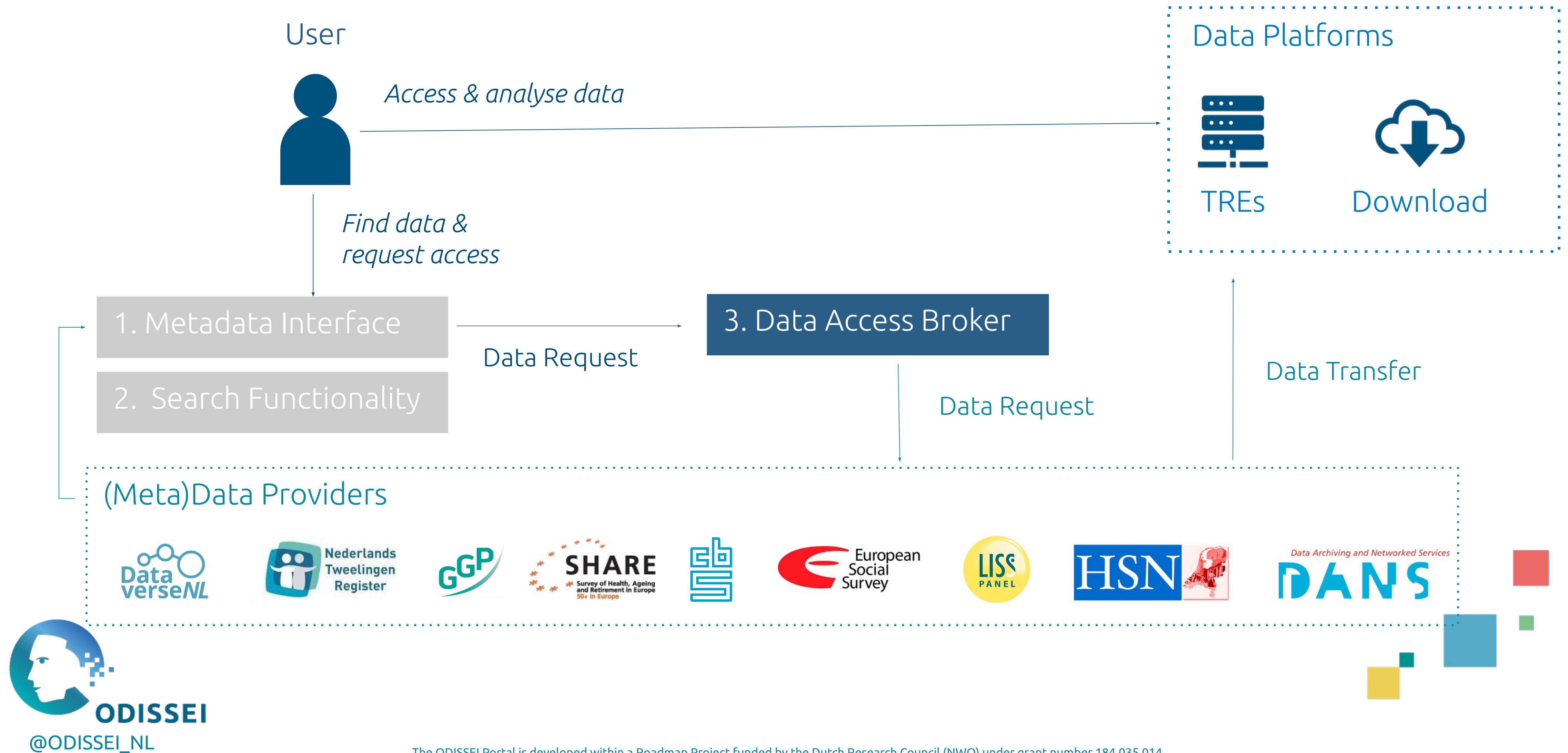
AFVALSTOFFEN (ELSSST Version 2)

IN OTHER LANGUAGES


ODPADY
AFFALD
WASTES
JÄTTEET
DÉCHETS
ABFÄLLE


Czech
Danish
English
Finnish
French
German

What do we want to achieve with the ODISSEI Portal?



Data Access Broker


 Dataverse Search ▾ User Guide Support Sign Up Log In

 LISS
(Centerdata)


ODISSEI Portal > LISS >


LISS panel > Public participation

Version 1.0

 LISS Panel; Daan Jacobs (Tilburg University); Wesley Kaufmann (Tilburg University), 2022, "LISS panel > Public participation", <https://doi.org/10.17026/dans-xhq-24fw>, ODISSEI Portal, V1

[Cite Dataset ▾](#) [Learn about Data Citation Standards.](#) [Share](#)

Description  The survey is about public participation and legitimacy.

Subject  Social Sciences

License/Data Use Agreement DANS MA KI Licence

[Access](#) [Metadata](#) [Terms](#) [Versions](#)

The data is available through the LISS Data Archive at Centerdata. You can read more about the access conditions here: <https://www.lissdata.nl/access-data>



Current:

- Preparatory work
- Work on harmonising access conditions and licenses for sensitive data (see [here](#))

Data Access Broker

The screenshot shows the Data Access Broker interface for the LISS panel dataset. At the top, the Dataverse logo is on the left, and navigation links for Search, User Guide, Support, Sign Up, and Log In are on the right. Below the navigation, the LISS Panel logo (Centerdata) is displayed. The breadcrumb trail reads "ODISSEI Portal > LISS >". The main heading is "LISS panel > Public participation" with a "Version 1.0" tag. A citation box contains the text: "LISS Panel; Daan Jacobs (Tilburg University); Wesley Kaufmann (Tilburg University), 2022, 'LISS panel > Public participation', <https://doi.org/10.17026/dans-xhq-24fw>, ODISSEI Portal, V1". To the right of the citation box is a "Share" button. Below the citation box, there are links for "Cite Dataset" and "Learn about Data Citation Standards". The "Description" section states: "The survey is about public participation and legitimacy." The "Subject" is "Social Sciences" and the "License/Data Use Agreement" is "DANS MA KI Licence". At the bottom, there are tabs for "Access", "Metadata", "Terms", and "Versions". A "Requirements" section lists: (Non-commercial) research only, Affiliated with a Dutch research institute, and Signed the LISS Panel statement. A "Get Access" button is located at the bottom right of the requirements section.

Current:

- Preparatory work
- Work on harmonising access conditions and licenses for sensitive data (see [here](#))

Future:

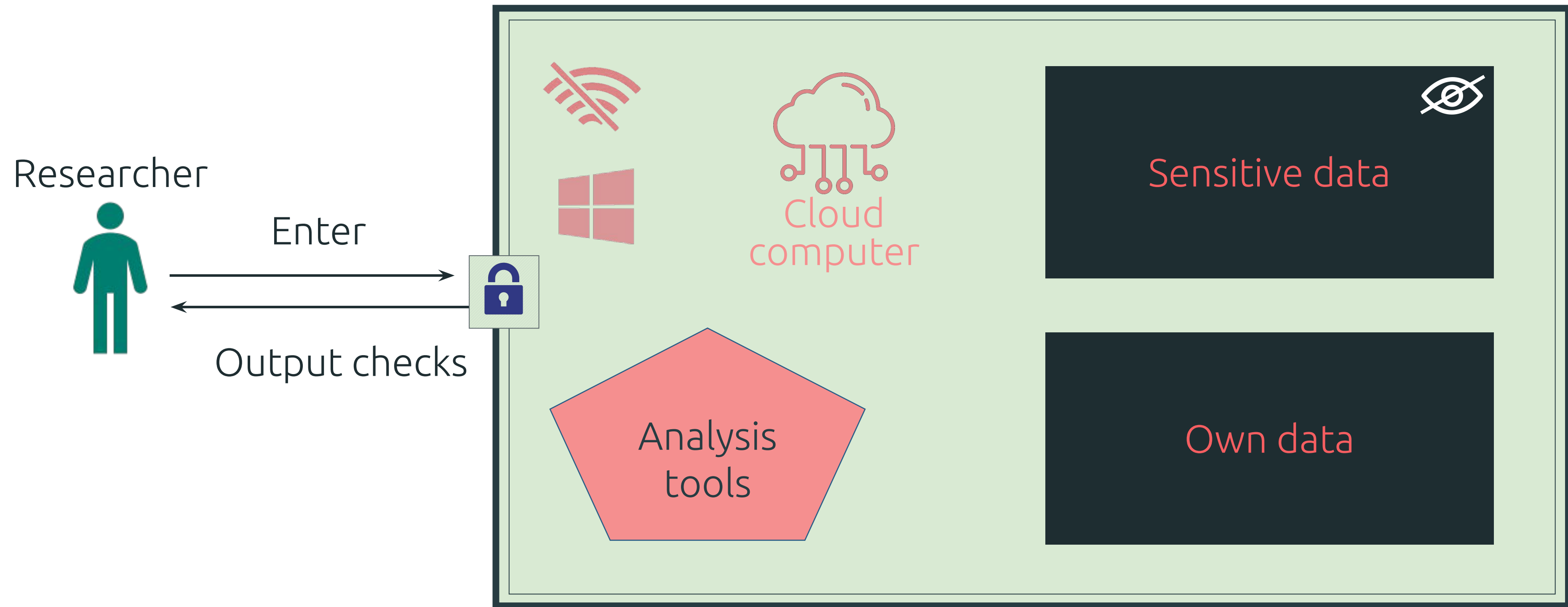
- Develop access pipelines
- Identity management via SURF Research Access Management ([SRAM](#)) (for NL-based users) and eduGAIN (for internationally-based users)
- Research data exchange to control data movement
- Connection to TREs → SANE





SANE

Secure ANalysis Environment (SANE)



Useful links

Access the Portal via portal.odissei.nl (new release by end of June!)

Use contact function on the Portal
or get in touch with info@odissei-data.nl

Other links:

- CBS microdata catalogue: <https://tinyurl.com/5n8d9cz8>
- DANS Data Stations: <https://dans.knaw.nl/nl/>
- LISS data archive: <https://www.dataarchive.lissdata.nl/>
- ODISSEI GitHub repos: <https://github.com/odissei-data>

A screenshot of the ODISSEI Portal Support Form. The form is titled "Welcome to ODISSEI Portal Support Form" and includes a "Contact us" section. The form fields are: "Your name" (text input), "Your email address" (text input, marked with a red asterisk), "Subject" (text input), and "Description" (text input, marked with a red asterisk). A blue button with a question mark icon and the text "Contact us!" is located at the bottom right of the form. A close button (X) is in the top right corner of the form's header.

Let's stay in touch

Subscribe to our newsletter via <https://odissei-data.nl>
Follow us on Twitter @ODISSEI_NL

For questions:
info@odissei-data.nl



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Questions?



ODISSEI Portal launched during the Open Science Festival

Posted on [2 September 2022](#) by *Generic Admin*



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