

Introducing CLARIN and DARIAH in Belgium

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Combining the strengths of CLARIN and DARIAH

- **CLARIN and DARIAH are the two most important European-level research infrastructures in the Humanities.**
- **Together, they provide European researchers with sustainable tools, services, and data to perform research in Computational Linguistics (CLARIN) and the Arts and Humanities (DARIAH).**
- **CLARIAH-VL combines these strengths by embedding high-quality, user-friendly tools and resources into the workflows of humanities researchers in Flanders and beyond, paving the way for Flemish participation in the European Open Science Cloud.**

Concerns: Request for the setting-up of DARIAH as a European Research Infrastructure Consortium (DARIAH-ERIC)



Dear Mr Genet,

KBR

Belgium hereby requests, through the host country of France, the European Commission to set-up the DARIAH research infrastructure as a European Research Infrastructure Consortium with the statutes attached hereto.



The initial commitment as a member will be for the full five years as of the establishment of DARIAH-ERIC.



The representing entity in the DARIAH-ERIC governing bodies will be the *Service public fédéral Politique scientifique* (in English: Belgian Science Policy Office / Acronym: BELSPO).



The National Representatives in the DARIAH-ERIC General Assembly will be *Mr Chris De Loof, attaché "ICT Transversal" at the Service public fédéral Politique scientifique.*



The National Coordinating Institution will be the *Ghent Centre for Digital Humanities (University of Ghent).*



I have read the attached statutes of DARIAH-ERIC and I confirm my approval on them.



Sincerely yours,



Philippe Courard
Secretary of State for Science Policy



Belgium, Founding Member of DARIAH-EU

Members and Partners

[Home](#) > [Network](#)

-  Member Countries
-  Observer Countries
-  Cooperating Partners

Belgium

Members



**NATIONAL
COORDINATION**

**PARTNER
INSTITUTIONS**



[Visit the DARIAH-BE website](#)

Representing Entity:
Belgian Science Policy Office

National Representative:
Chris De Loof

National Coordinating Institution:
 **Ghent Centre for Digital Humanities, Ghent University**

National Coordinator:
 **Christophe Verbruggen**

Ghent Centre for Digital Humanities

Activities:

- **advice and guidance** throughout the research project lifecycle where digital tools, methods or collections are used with a specific focus on:
 - **collaborative databases**
 - **digital text analysis**
 - **geospatial analysis**
- **research data management and training**



GhentCDH

Research groups:

- **Inter-faculty Research Centre**
- **Hosted by the Faculty of Arts and Philosophy**
- **Faculty of Arts and Philosophy Library**
- **Ghent University's HPC Infrastructure**



<http://www.ghentcdh.ugent.be>

University of Antwerp's Platform for Digital Humanities

Activities:

- **Introductory BA course**
- **MA Track in Digital Text Analysis**
- **Summer School in Digital Humanities**
- **platform{DH} Lecture Series**
- **Antwerp Time Machine**

platform{DH}

Research Groups:

- **ACDC** (Antwerp Centre for Digital humanities and literary Criticism)
- **CLIPS** (Computational Linguistics and Psycholinguistics)
- **CSG** (Centre for Urban History)
- **University Library**



<http://uahost.uantwerpen.be/platformdh/>

Instituut voor de Nederlandse Taal

Activities:

- **Language Technology Services**
- **Depositing service for textual material**
- **Disclosure of linguistic resources** (mainly for Dutch)

Dutch Language Institute:

- **Bi-national institute** funded by Flemish and Dutch governments
- **CLARIN-B technical centre**
 - for Flanders
 - for the Netherlands

<http://www.ivdnt.org/>



/instituut voor de Nederlandse taal/

VUB Platform for Digital Humanities (DIGI)

Activities:

- **Support** digitally-enabled research across the Arts and Humanities
- **focus on**
 - **digital collections**
 - **historical sociolinguistics**
 - **socio-economic history**

Research Groups:

- **History**
- **Linguistics**
- **Literature**
- **Philosophy**
- **DINF** (University Library Artificial Intelligence Lab)

<https://digi.research.vub.be/home/>



Leuven Digital Humanities Researchers

Activities:

- **sharing of knowledge and digital tools**
- **co-organising** DH workshops, lectures, summers schools and conferences
- **long-term preservation strategy** for research data from DH projects at and beyond the university
- **Advanced Master in Digital Humanities**

Research Groups:

- **Ancient History & Archaeology**
- **Centre for Computational Linguistics**
- **Artes Library (DH Commons initiative)**

<https://www.arts.kuleuven.be/digitalhumanities>




LARGE SCALE RESEARCH INFRASTRUCTURES IN FLANDERS

FLEMISH PARTICIPATION IN INTERNATIONAL RESEARCH INFRASTRUCTURES 2020



Flanders State of the Art



DARIAH: unlocking the scientific potential of digital research in the humanities.

Common Language Resources Infrastructure in Flanders



BELGIQUE / BELGIË



CABINET DU SECRÉTAIRE D'ÉTAT POUR LA RELANCE
ET LES INVESTISSEMENTS STRATÉGIQUES,
CHARGÉ DE LA POLITIQUE SCIENTIFIQUE

KABINET VAN DE STAATSECRETARIS VOOR RELANCE
EN STRATEGISCHE INVESTERINGEN, BELAST MET
WETENSCHAPSBELEID

Ms Ursula BRUSTMANN
President of the General Assembly of
CLARIN ERIC
c/o Franciska de Jong, Executive Director
CLARIN ERIC
University of Utrecht
Drift 10
3512 BS Utrecht
THE NETHERLANDS

Brussels, *30th August 2021*

Our ref. : 2021/TD/LL/006
Contact person : laurence.lenoir@dermine.fed.be

Subject: Request to join CLARIN ERIC as a Member

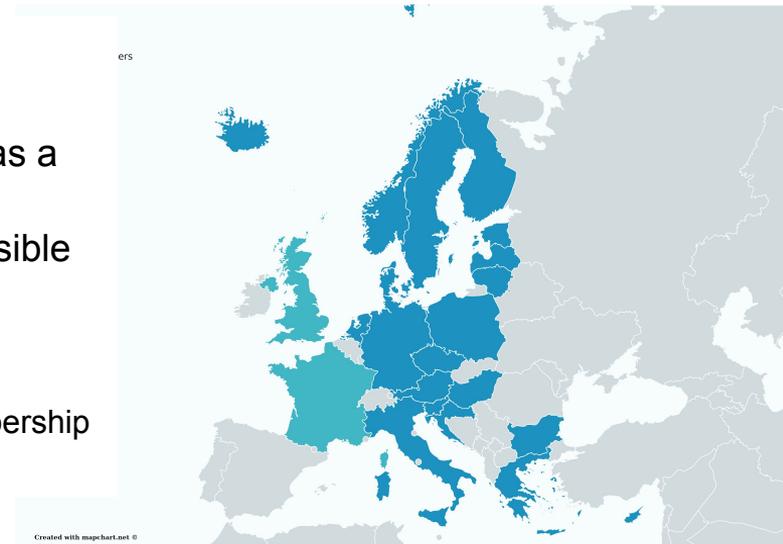
Belgium hereby requests to join CLARIN ERIC as a Member, in accordance with Article 4.1 of the statutes.

■ observer
■ member
■ new member



Renewed membership of Flanders through CLARIN-Belgium in CLARIN-ERIC

- Only countries and international organisations can become members of ERICs
- Before 2018: The Dutch Language Union (DLU) was a member of CLARIN-ERIC in lieu of Flanders
- 2018: **Flexit** - construction with DLU no longer possible
- Solution:
 - Apply for political support from Flanders (approved October 2020)
 - Flanders supports founding of CLARIN-BE for membership (August 2021)



Challenge 1: Data-Level Access to Digital Resources

Service Infrastructure Component (SIC) 2: DH Research Dataset Aggregation

- **Goals:**
 - Provide data-level access to key Belgian resources
 - Develop sustainable data curation workflows
 - Engage researchers with the data
- **DATA-KBR-BE**



Challenge 2: LOD Ecosystem for the Humanities

Service Infrastructure Component (SIC) 3: Linked (Open) Humanities Data Tool Suite

- **Goals:**
 - Support extraction, contextualization & modelling of entities
 - Model semantic relations
 - Link to LOD Reference Services
- SIC 3.1: Entity Referencing Toolkit
- SIC 3.2: LOD Creation and Publication Toolkit



Challenge 3: Humanities-Centred Artificial Intelligence

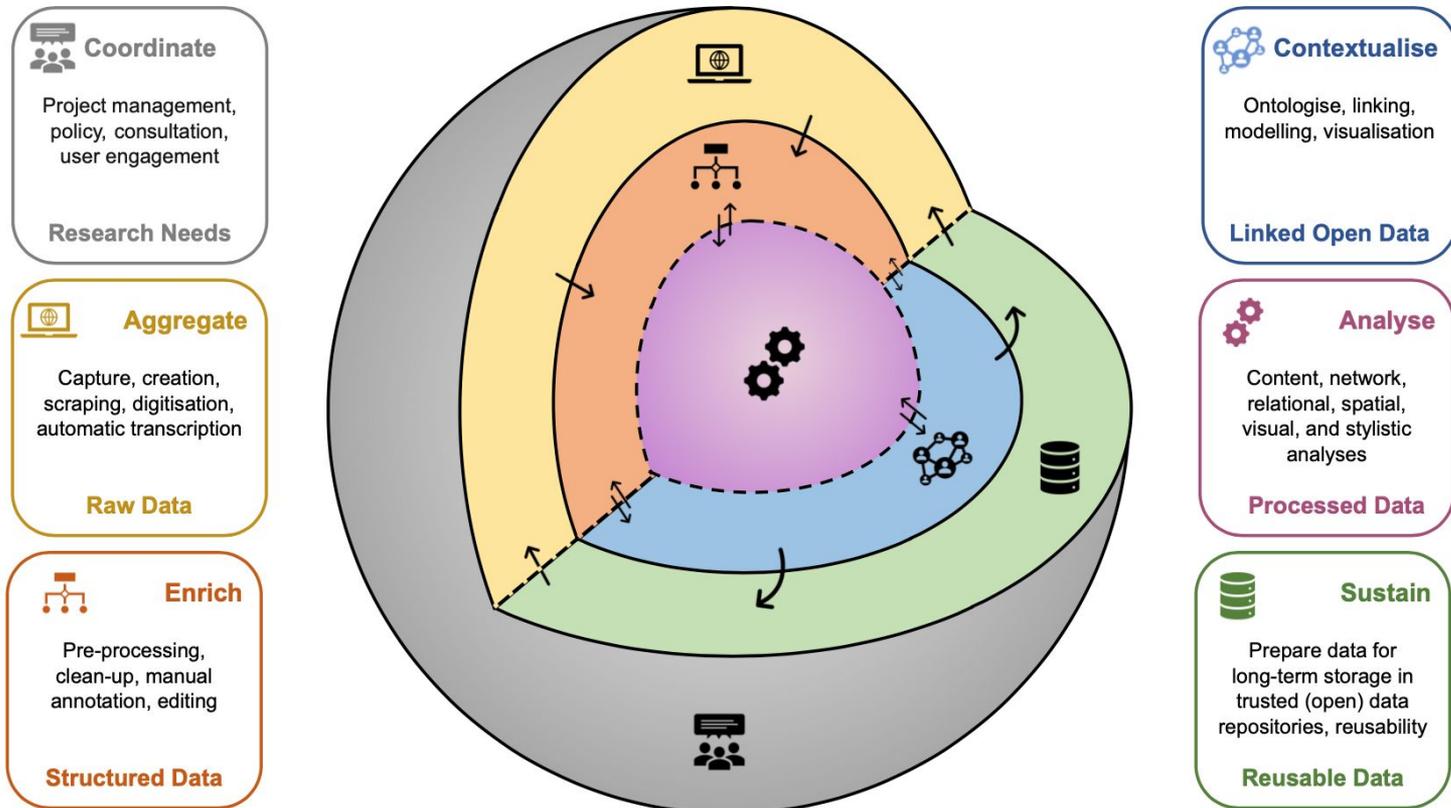
Service Infrastructure Component (SIC) 5:

Digital Text Analysis Dashboard and Pipeline

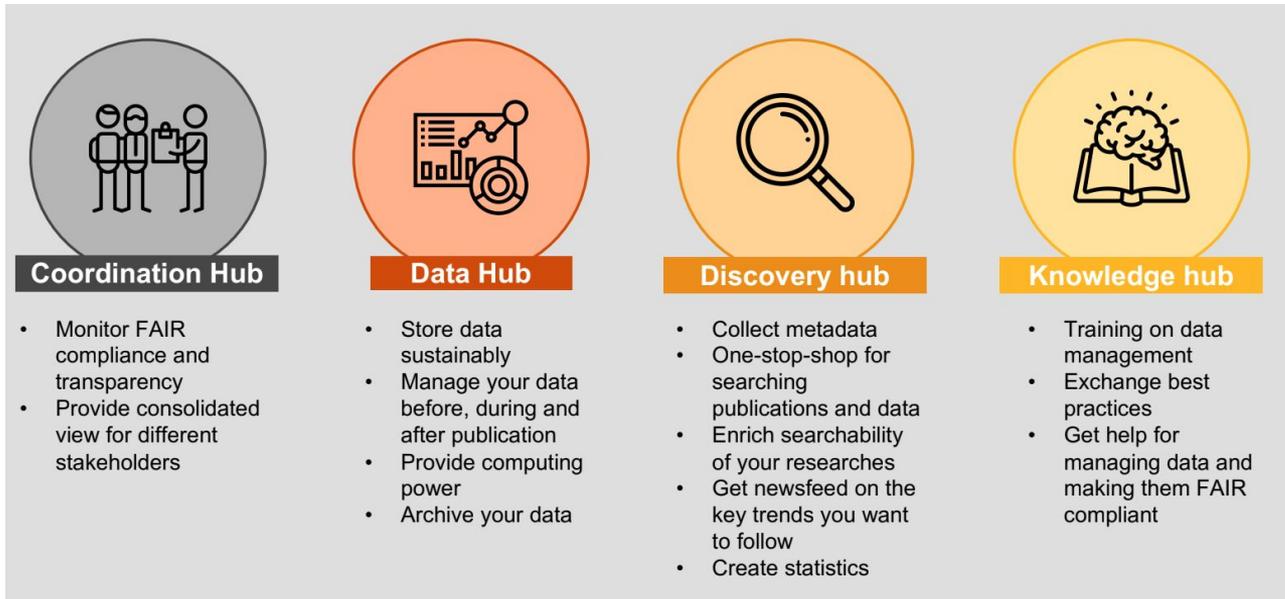
- **Goals:**
 - Provide access to benchmarked NLP tools & resources
 - Web-based interface for training advanced models
 - Automate digitisation pipeline
- **Flemish AI Academy**



Embedding services into the *Humanities Data Lifecycle*



CLARIAH-VL: a vital role in preparing Humanities Researchers for the European Open Science Cloud



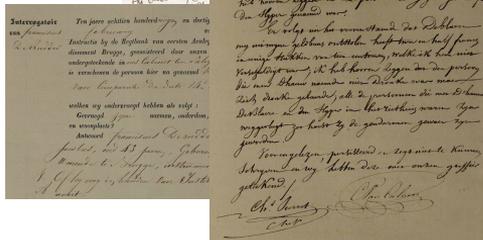
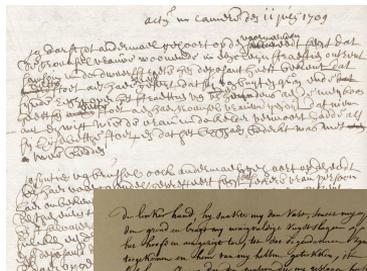
CLARIAH: enabling data-driven research in the humanities



IIF Corpus
Management Platform



International
Image
Interoperability
Framework



Crowd-sourcing

The screenshot shows a web interface for crowd-sourcing. On the left, there's a 'Documents' list with columns for ID, name, and count. Below it is a 'Code System' with a tree view of categories like 'Plaats', 'Taal', and 'Tijdsduur'. On the right, there's a 'Document Browser' showing a list of items and a detailed view of a document with a table of contents and a list of items.

Handwritten Text Recognition

The screenshot shows a handwritten text recognition interface. It displays a document image with a red box highlighting a section of text. Below the image, the transcribed text is shown in a blue font. The interface includes a toolbar with various icons and a search bar.

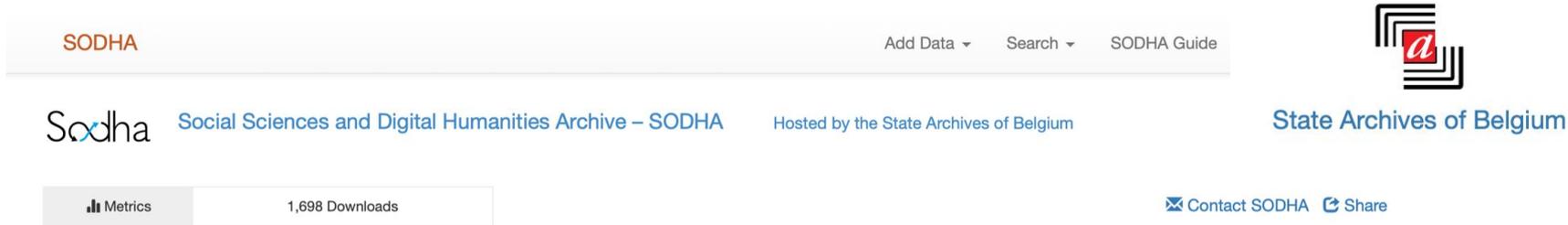


Digital Text Analysis Pipeline

- Named Entity Extraction
- Social Network Analysis
- Sentiment & Emotion Mining



Social Sciences and Humanities Data Archive (SODHA.be)



The screenshot shows the top navigation bar of the SODHA website. On the left, the 'SODHA' logo is displayed in orange. To its right are three menu items: 'Add Data' with a dropdown arrow, 'Search' with a dropdown arrow, and 'SODHA Guide'. On the far right is the State Archives of Belgium logo, which consists of a red square with a white 'a' inside, surrounded by black lines. Below the navigation bar, the text 'Sodha Social Sciences and Digital Humanities Archive – SODHA' is followed by 'Hosted by the State Archives of Belgium'. On the right side, the text 'State Archives of Belgium' is displayed. Below this, there is a 'Metrics' section with a bar chart icon and the text '1,698 Downloads'. To the right of this section are two links: 'Contact SODHA' with an envelope icon and 'Share' with a share icon.

Welcome to SODHA, the **federal Belgian data archive** for **social sciences** and the **digital humanities!**

Here you can **find** and **deposit** social science and digital humanities data in reusable form. Published datasets receive a **DOI**, making them citable like other types of publications. SODHA promotes **open data** by enabling **reuse** of research data and by **safely preserving** datasets in the long term.

SODHA is the Belgian service provider in the [Consortium of European Social Science Data Archives \(CESSDA ERIC\)](#) and is hosted by the [State Archives of Belgium](#). SODHA was built with the help of [DEMO \(UCLouvain\)](#) and [Interface Demography \(VUB\)](#).

You can consult the **SODHA Guide** [here](#), and you can read our **Terms of Service** [here](#).

If you have any question, you can contact us at sodha@arch.be.

<https://www.sodha.be/dataverse/sodha>

Social Sciences and Humanities Data Archive (SODHA.be)

SODHA

Add Data ▾

Search ▾

SODHA Guide

Sign Up

Log In



Social Sciences and Digital Humanities Archive – SODHA

Hosted by the State Archives of Belgium



Social Sciences and Digital Humanities Archive – SODHA > 16th Century Low Countries (shapefiles)

[✉ Contact Depositor](#) [🔄 Share](#)



16th Century Low Countries (shapefiles)

Version 1.0

Jongepier, Iason, 2021, "16th Century Low Countries (shapefiles)", <https://doi.org/10.34934/DVN/Y6DOAD>, Social Sciences and Digital Humanities Archive – SODHA, V1

[☰ Cite Dataset ▾](#)

Learn about [Data Citation Standards](#).

Dataset Metrics [?](#)

3 Downloads [?](#)

Description [?](#)

This dataset (ZIP-file) contains two shapefiles (provinces and major cities) of the 16th Century Low Countries) to be used in GIS and one example output map. (2021-01-19)

Subject [?](#)

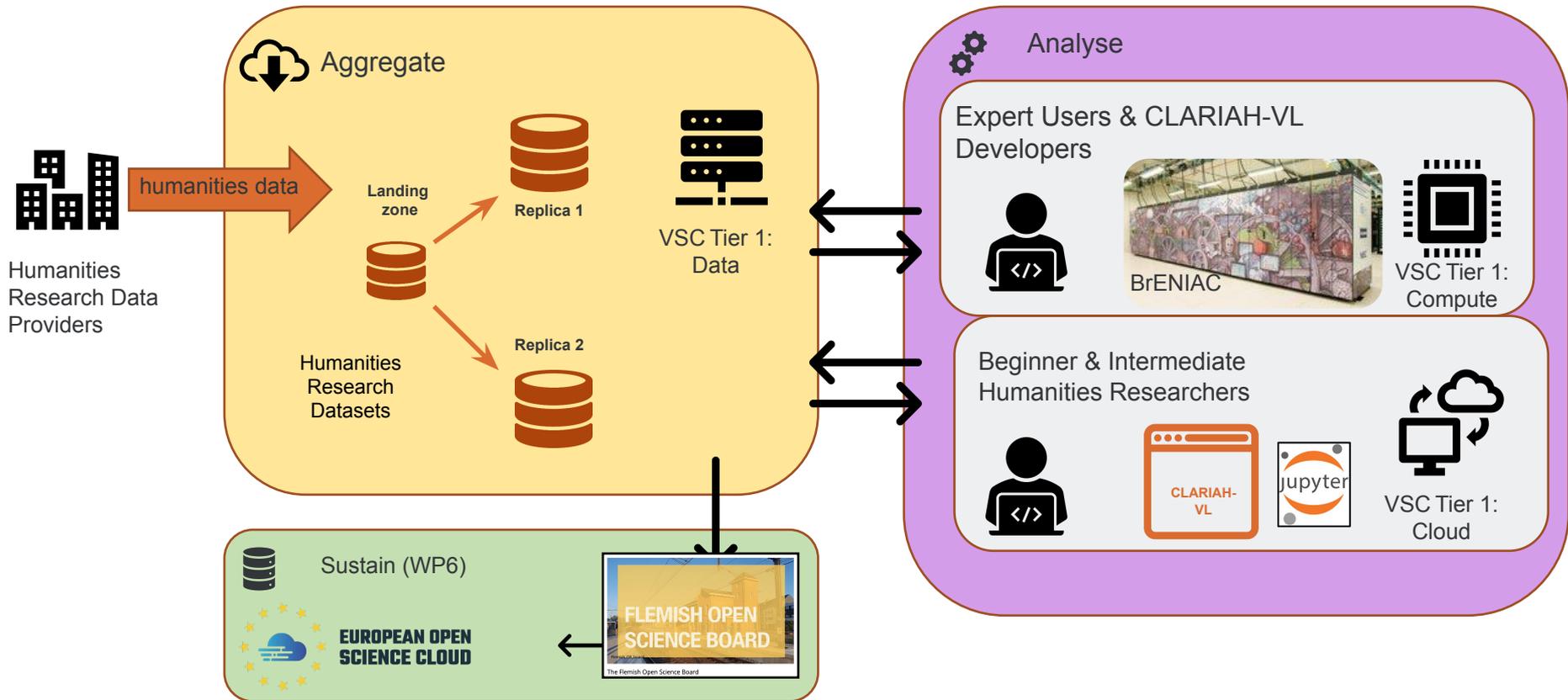
Arts and Humanities; Earth and Environmental Sciences

Keyword [?](#)

Low Countries, Borders, Provinces, 16th Century, Historical geography

<https://doi.org/10.34934/DVN/Y6DOAD>

Data-driven research in the arts and humanities



¡Muchas gracias!

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