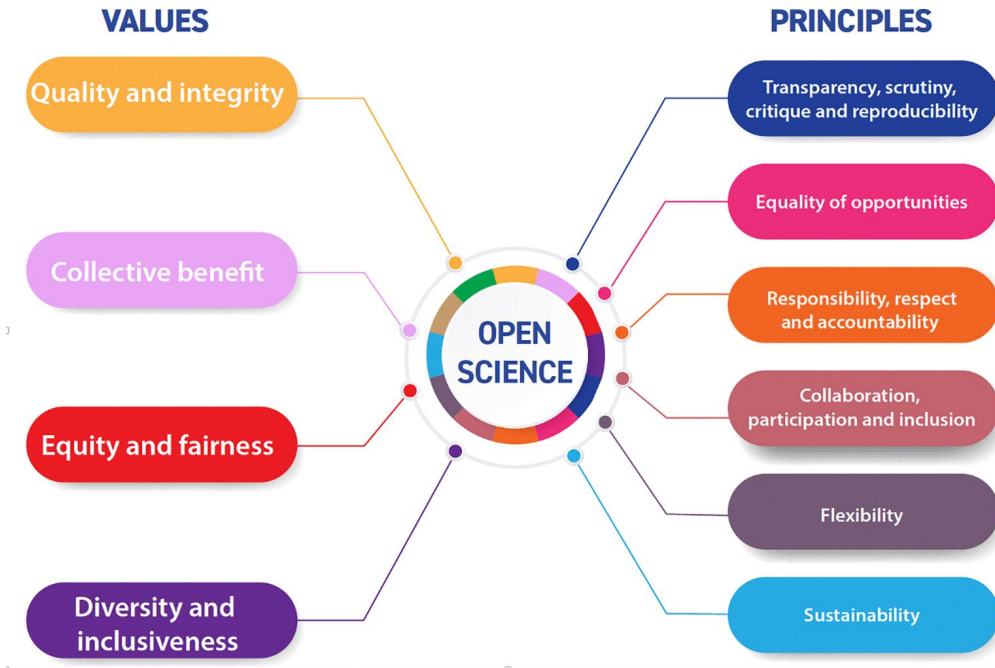


# Pathways to Open Science: Exploring CLARIN and DARIAH Tools and Resources

III Appetizers-PhD Programme in English Linguistics

Estrella Samba-Campos (CLARIAH-CM Node)

# ¿What is Open Science?



Open science is a set of values, principles, and practices that aim to make scientific research and data accessible to everyone

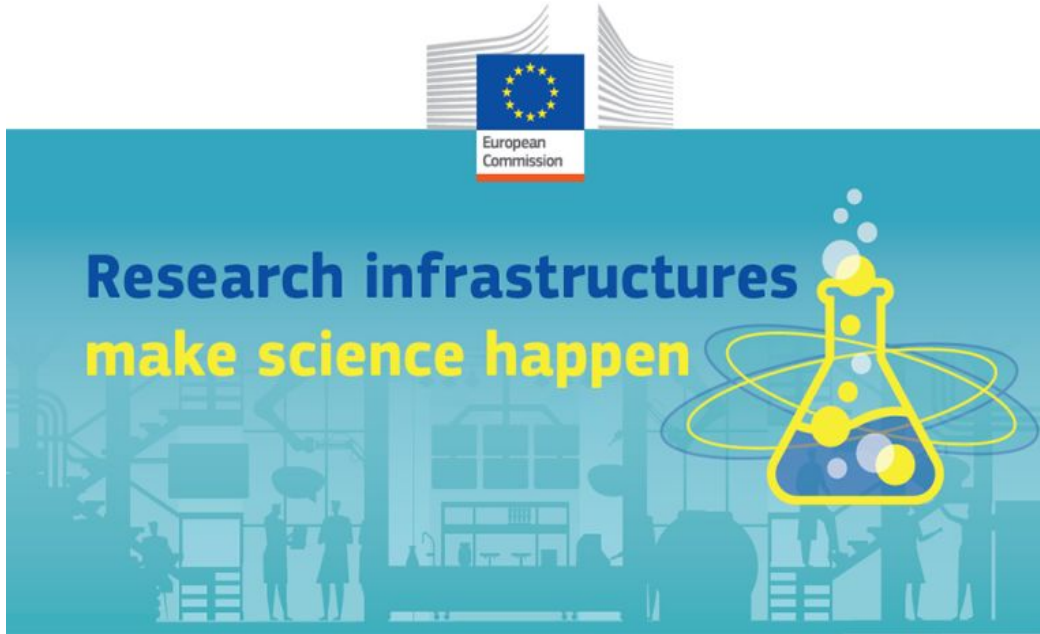


# ¿What are Research Infrastructures?



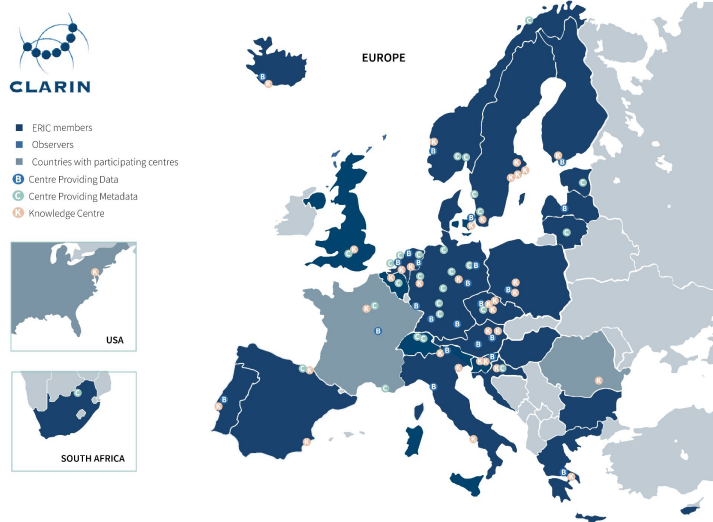
Research Infrastructures provide resources and services for research communities to conduct research and foster innovation

# ¿What are Research Infrastructures?



European Strategy Forum on  
Research Infrastructures (ESFRI)  
European Research Infrastructure  
Consortium (ERIC)  
European Open Science Cloud  
(EOSC)  
Social Sciences & Humanities Open  
Cloud (SSHOC)

# CLARIN-ERIC



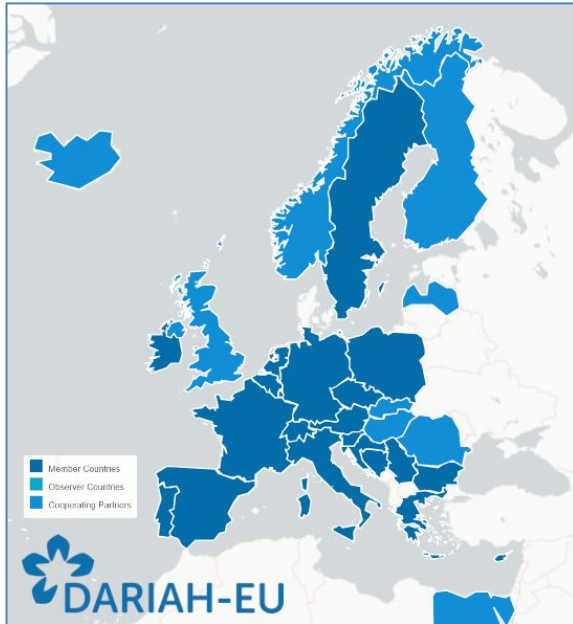
CLARIN (Common Language Resources and Technology Infrastructure) is a digital infrastructure supported by ERIC (European Research Infrastructure Consortium)

27 members, observers and third parties with participating centres all over Europe and further afield

CLARIN provides access to a wide range of multimodal digital linguistic data (text, audio, video, etc.) and advanced language tools and resources.

The majority of these resources are interoperable and also accessible

# DARIAH-EU



DARIAH (Digital Research Infrastructure for the Arts and Humanities) is a European infrastructure that aims to enhance research and teaching in the Arts and Humanities through digital technologies.

23 members and 17 cooperating partners in 10 non-member countries.

It is not a storage or training service.

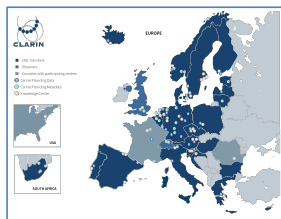
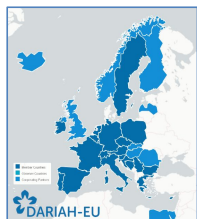
Provides accessible multimodal data, services, and tools.

Educational materials and training opportunities

Good practices at a transnational and transdisciplinary level.

# Infrastructure Roadmap

## EUROPEAN



## STATE-LEVEL



## REGIONAL



CLARIAH-ES is a national digital research infrastructure comprising twelve nodes that coordinate Spain's participation in CLARIN and DARIAH.  
CLARIAH-CM is a node within CLARIAH-ES, comprising six public universities in Madrid.

# Repositories, Aggregators and Tool Catalogues



VLO - Virtual Language Observatory (CLARIN)



Language  
Resource  
Switchboard



# eosc

AGGREGATORS



OpenAIRE | EXPLORE

DISCOVERY PORTALS

Repositories



**DOCTA**  
COMPLUTENSE

TOOLS, RESOURCES AND TRAINING



Language  
Resources  
Switchboard



Learning Hub



VLO - Virtual Language Observatory (CLARIN)

# Repositories

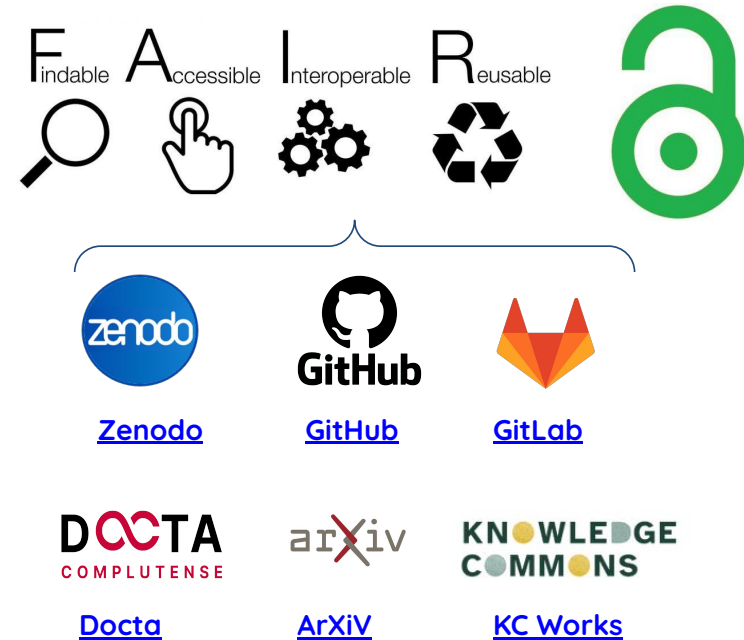
Centralized platforms designed to store, organize, preserve and share open data > essential for FAIR principles

Green open-access publication

They are not hosting or publishing services

They are not academic social networks (e.g., Academia.edu, ResearchGate)

Easy to use/upload files



# Social Sciences and Humanities Open Marketplace

Aggregator, search engine, catalogue and discovery portal

Helps users find tools & services, training materials, publications, datasets and workflows

Projects can be added via a simple submission form followed by approval

Shares metadata from projects (harvested + manually submitted)

SSHOMP does not host resources or provide tools/services



 Tools & services

 Training materials

 Publications

 Datasets

 Workflows

# Open Access Infrastructure for Research in Europe



OpenAIRE is a European project supporting Open Science.

It provides services to find, store, link and analyse research output from all disciplines.

OpenAIRE is a pan-European meta repository.

An open research search portal providing access to millions of interlinked scholarly works (publications, data, software). Search and view all types of research outcomes, find repositories to deposit your research, and safely claim/link your research.

# Tool Catalogues

Gather information on resources developed within the network and from external sources.

Do not store the tools or services themselves.

Help users locate existing tools and services

Operate through a search engine for easy discovery



## Tools and Services



VLO - Virtual Language Observatory (CLARIN)

## Virtual Language Observatory

# Language Resource Switchboard

Examines uploaded data/material and suggests tools

Does not analyse, process, store, or disseminate uploaded materials

Helps users identify the most appropriate tools

Used by uploading a dataset, a plain-text file, pasting text, etc.



Language  
Resource  
Switchboard

[Switchboard](https://www.ucm.es/clariah-cm)

# Training Resources

DARIAH CAMPUS: aggregator of training resources

DARIAH TEACH: community-driven platform for creating and sharing educational resources, MOOC platform

CLARIN Learning Hub: provides educational resources, usage guides, tutorials, and teaching materials

Do not track progress or evaluate learning

Useful for self-training or training others



[DARIAH-CAMPUS](#)



[DARIAH TEACH](#)



[CLARIN Learning Hub](#)

# Trainers' training




## PARTHENOS


**PARTHENOS TRAINING**

Welcome!


This site provides training modules and resources in digital humanities and research infrastructures from PARTHENOS and associated projects. This site can be used by both learners and trainers alike. Please click on the images below to get started.




Training Modules



For Trainers




For Learners



About


### Parthenos



Skills  
4 eos

ABOUT NEWS RESOURCES NETWORK PARTICIPATE

- Skills for the European
- Open Science
- Commons



**ABOUT**

**CREATING AN EOSC-READY EUROPEAN WORKFORCE**

Skills4EOSC: Skills for the European Open Science commons: creating a training ecosystem for Open and FAIR science is funded by the European Commission Horizon Europe programme (GA 101016201). Coordinated by Consortium GARR and supported by 44 partners in 18 European countries, Skills4EOSC will set up a pan-European network of competence centres to speed up the training of European researchers and harmonise the training of new professional figures for scientific data management.

### CLARIN Trainer's network

<https://www.ucm.es/clariah-cm>



CLARIAH-CM



# Thank you!

oficinaclariahcm@ucm.es

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<https://www.ucm.es/clariah-cm>