



CESSDA in ERA

collaborations, partnerships and perspectives

8 June 2022, IASSIST Conference 2022

Ivana Ilijasic Versic, CESSDA ERIC MO
Vanja Komljenovic, CESSDA ERIC MO
Dimitra Kondyli, EKKE
Martina Drascic Capar, CESSDA ERIC MO
Irena Vipavc Brvar, UL-ADP
Carsten Thiel, CESSDA ERIC MO



cessda.eu



@CESSDA_Data

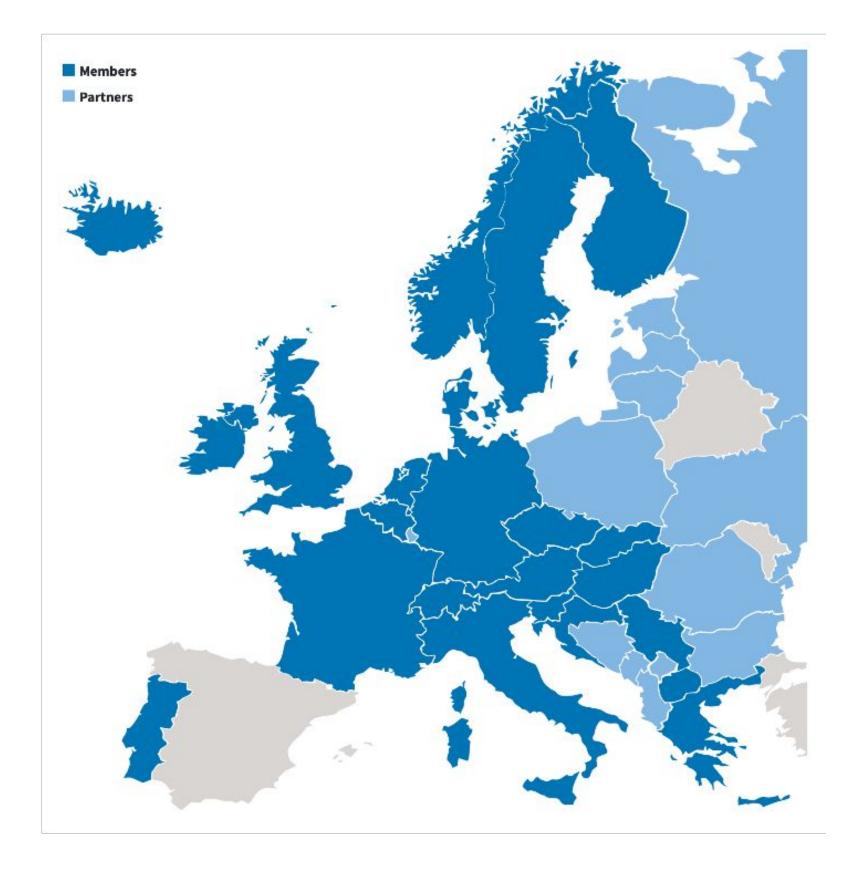


Licence: CC-BY 4.0



MISSION

to provide a full-scale sustainable research infrastructure that enables the research community to conduct high-quality research in the social sciences which can contribute to effective solutions to the major challenges facing society today.

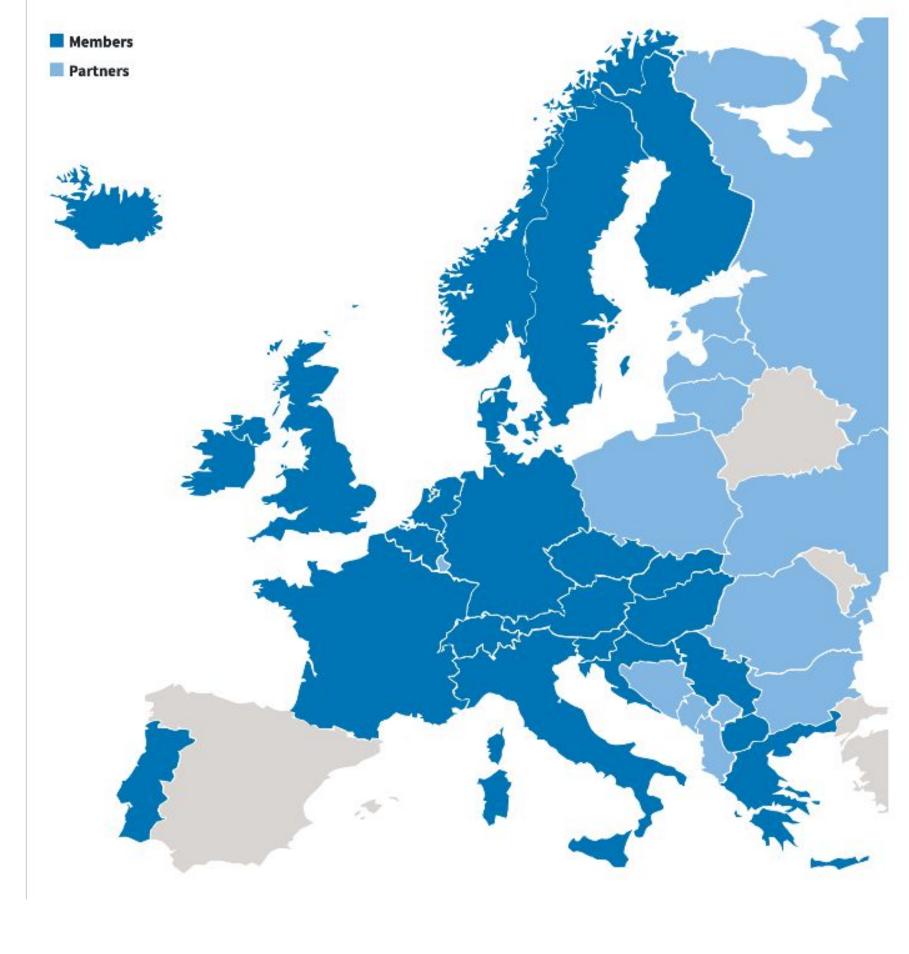


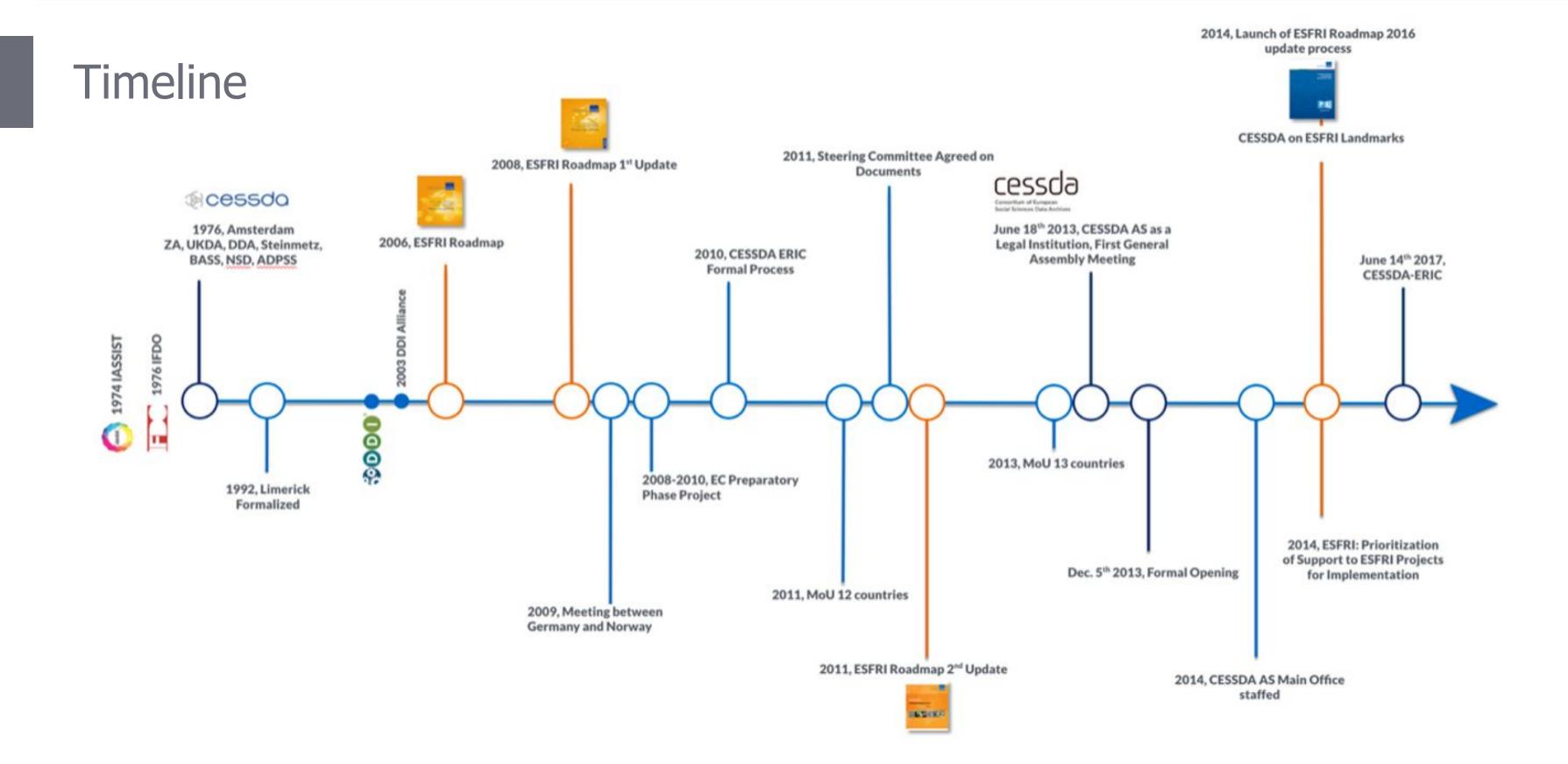
Membership

- 1. Austria
- 2. Belgium
- 3. Croatia
- 4. Czech Republic
- 5. Denmark
- 6. Finland
- 7. France
- 8. Germany
- 9. Greece
- 10. Hungary
- 11. Iceland
- 12. Ireland
- 13. North Macedonia
- 14. Netherlands
- 15. Norway
- 16. Portugal
- 17. Serbia
- 18. Slovak Republic
- 19. Slovenia
- 20. Sweden
- 21. Switzerland (Observer)
- 22. UK
- 23. Italy

Countries aiming at membership:

- Bosnia and Herzegovina
- Bulgaria
- Estonia
- Lithuania
- Poland
- Romania
- Spain







ESFRI Roadmap



SOCIAL & CULTURAL INNOVATION / LANDMARK

cessda

CESSDA ERIC

Consortium of European Social Science Data Archives

SOCIAL & CULTURAL INNOVATION / LANDMARK

CLARIN

CLARIN ERIC

Common Language Resources and Technology Infrastructure

SOCIAL & CULTURAL INNOVATION / LANDMARK



DARIAH ERIC

Digital Research Infrastructure for the Arts and Humanities

SOCIAL & CULTURAL INNOVATION / LANDMARK



ESS ERIC

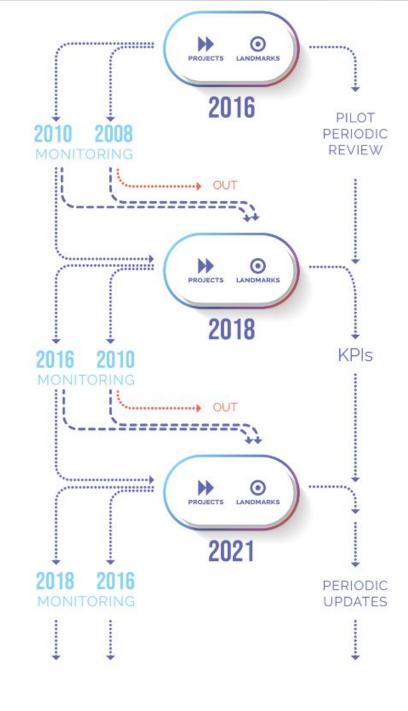
European Social Survey

SOCIAL & CULTURAL INNOVATION / LANDMAR



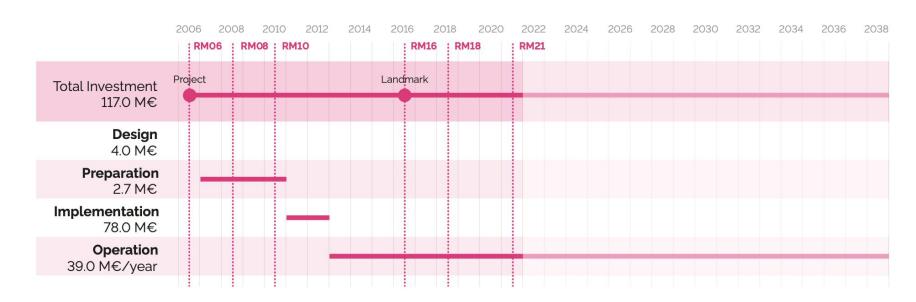
SHARE ERIC

Survey of Health, Ageing and Retirement in Europe





TIMELINE & ESTIMATED COSTS



INTERCONNECTIONS



POLITICAL SUPPORT

Lead NO

Member

AT, BE, CZ, DE, DK, EL, FI, FR, HR, HU, IE, IS, IT, MK, NL, PT, RS, SE, SI, SK, UK

Observer CH







CESSDA ERIC

Consortium of European Social Science Data Archives

DESCRIPTION

The Consortium of European Social Science Data Archives (CESSDA) is a distributed Research Infrastructures serving as a large-scale, integrated and sustainable platform for data services relevant to the Social Sciences. It supports high-quality, national and international research and cooperation by bringing together Social Science data archives across Europe, and expand easy access to data and metadata regardless of borders. CESSDA is aiming at facilitating social, economic and political research, thus contributing to the production of effective solutions to the major challenges facing society today. CESSDA supports continuous learning and training of its data providers and user community to cover research data management, data discovery and reuse, digital preservation and data archiving.

Since its establishment in 1976, CESSDA served as an informal umbrella organisation for European national Social Science data archives. In the ESFRI Roadmap since 2006, CESSDA has been listed as success story in the Roadmap 2010 and was recognised as ESFRI Landmarks in 2016. It became a legal institution limited company under Norwegian law (CESSDA AS) in 2013 and then an European Research Infrastructure Consortium (ERIC) in 2017. Norway is hosting CESSDA, and the main office is located in Bergen. Presently 16 countries are Members of the Consortium and one country is a formal Observer, each represented by a national institution providing relevant services. Additionally, Social Science data archives from other European countries are cooperating, taking part to some activities or aiming at membership.



GENERAL INFO

Website

http://www.cessda.eu

Headquarters

CESSDA ERIC

Bergen, Norway

Legal Status

ERIC, 2017

Type

distributed

European Research Area

An ERA Policy Agenda with concrete actions

The new ERA Policy Agenda, annexed to the Council conclusions on the ERA governance, sets out 20 concrete ERA actions for the period 2022-2024 to contribute to the priority areas defined in the Pact for Research and Innovation.

1. Enable Open Science, including through the European Open Science Cloud (EOSC)

- 2. Propose an EU copyright and data legislative framework for research
- 3. Reform the Assessment System for research, researchers and institutions
- 4. Promote attractive research careers, talent circulation and mobility
- 5. Promote gender equality and foster inclusiveness
- 6. Protect academic freedom in Europe
- 7. Upgrade EU guidance for a better knowledge valorisation
- 8. Strengthen research infrastructures
- 9. Promote international cooperation
- 10. Make EU research and innovation missions and partnerships key contributors to the ERA
- 11. An ERA for green transformation
- 12. Accelerate the green/digital transition of Europe's key industrial ecosystems
- 13. Empower Higher Education Institutions
- 14. Bring Science closer to citizens
- 15. Build-up research and innovation ecosystems to improve excellence and competitiveness
- 16. Improve EU-wide access to excellence
- 17. Enhance public research institutions' strategic capacity
- 18. Support the development of EU countries' national processes for the ERA implementation
- 19. Establish an ERA monitoring system
- 20. Support research and innovation investments and reforms



The New European Research Area





Joining forces to find solutions to today's challenges is more important than ever. Working together through the new European Research Area, we will accelerate our transition towards climate neutrality and digital leadership, support the recovery from the coronavirus crisis and make the EU a lighthouse of excellence for research and innovation.

Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth

What is the European Research Area?

A single, porderless market for research, innovation and technology across the EU...

...where
countries come
together and improve
their research policies
and systems...

...and where there
is free movement
of researchers,
knowledge and
innovation.

In the new European Research Area we will:



Prioritise investments and reforms in research and innovation towards the green and digital transition, to support Europe's recovery;



Strengthen mobility of researchers and free flow of knowledge and technology through greater cooperation among Member States;



Boost market uptake of research and innovation results;



to excellence for researchers across the EU.





European Research Infrastructures advancing the European Open Science Cloud

Social Scientific Communities advancing Social Scientific Research













EURHISFIRM







European Research Infrastructures advancing the Digital Future of Europe





Advancing the SSH Research

Vanja Komljenovic Dimitra Kondyli



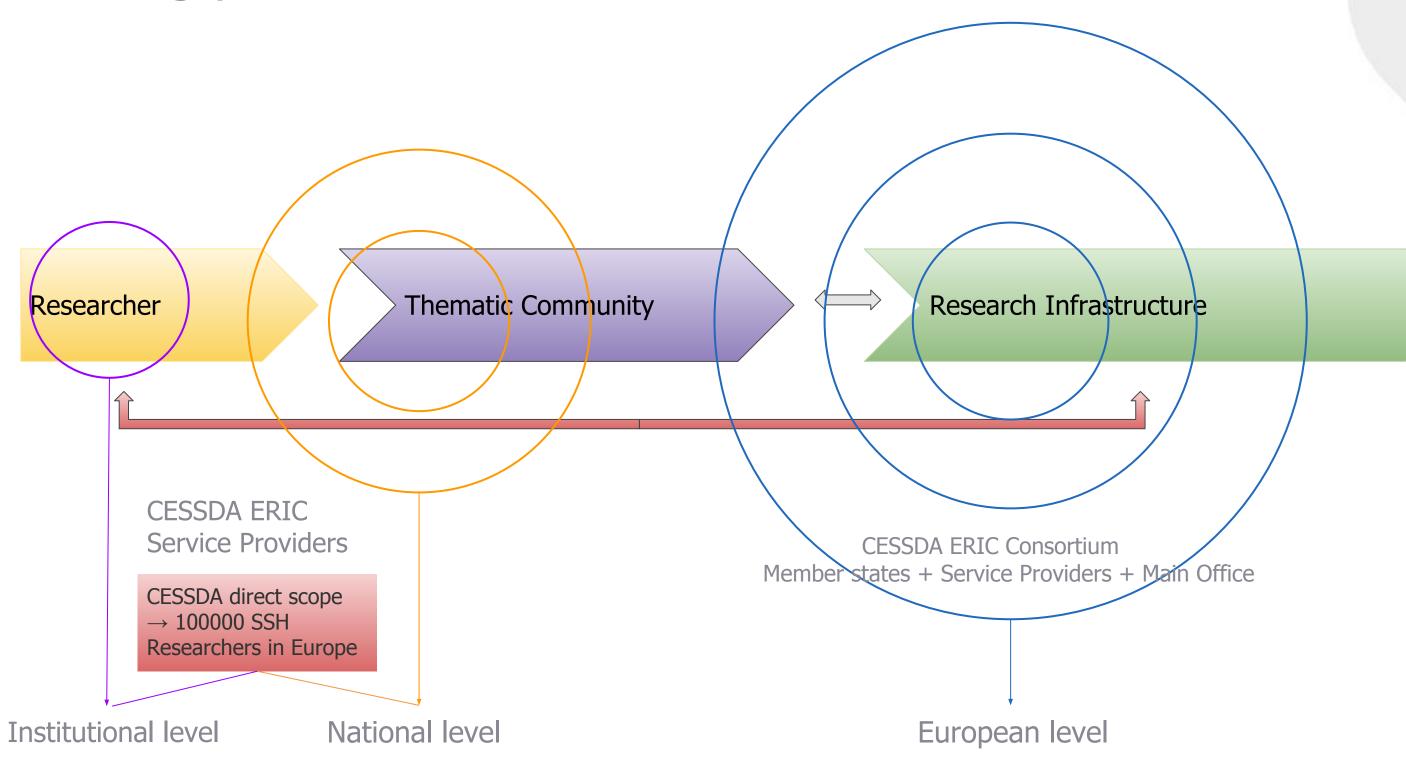
cessda.eu







Starting point





European level - current connections



















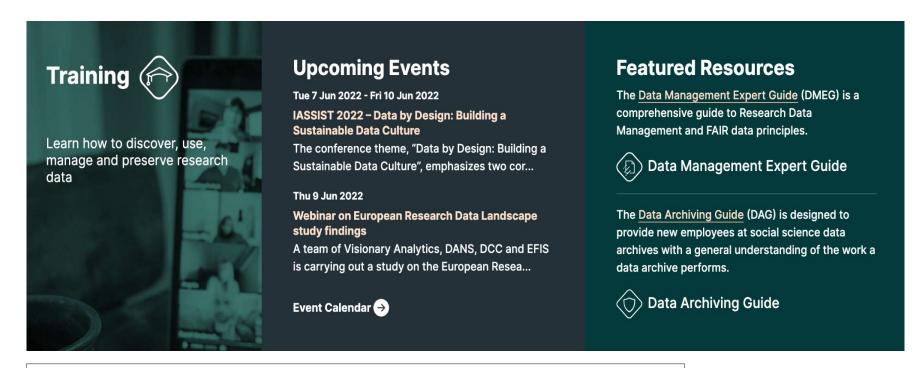


EURHISFIRM

Long-term data for Europe



Assets for research work



Trust and Standards

Each national Service Provider works towards achieving the Trustworthy Digital Repository (TDR) standard selected by CESSDA: the CoreTrustSeal.



The CoreTrustSeal defines repository requirements in terms of organisational infrastructure, digital object management, technology and security. Trust is essential between CESSDA Service Providers and with their data depositors and users.

Since CESSDA selected the internationally recognised CoreTrustSeal it has been acknowledged as important for enabling FAIR (Findable, Accessible, Interoperable, Reusable) data and has become the recommended certification approach for data repositories within the European Open Science Cloud (EOSC).

Service Providers with experience of trust standards and certification form the Trust Group, and every CESSDA member and aspiring member has a key contact to represent them on trust issues.

To date more than half of Service Providers have achieved certification and have entered the three year renewal cycle of reassessment. CESSDA work on trust continues to guide and support these repositories and more recent CESSDA members on a range of issues and standards relating to trusted data and services.

CESSDA Digital Tools

CESSDA Data Catalogue



Search tens of thousands of social science research studies from our European Service Providers.

ELSST Thesaurus



The European Language Social Science
Thesaurus is a broad-based multilingual
thesaurus for the social sciences.

European Question Bank



The EQB is a cross-national question bank for social science and humanities research.

Vocabulary Service



Search, browse and download controlled vocabularies in a variety of languages.

Resource Directory



Access resources for data archives and data professionals from CESSDA, its Service Providers and partners.

Metadata Validator



Validate metadata for compatibility with the CESSDA Data Catalogue and the European Question Bank.

Assets for research work



CESSDA Data Catalogue

https://datacatalogue.cessda.eu/

- one stop shop for search and discovery
- metadata of the study level
- data holdings of CESSDA's Service Providers
- over 35,000 datasets from European Social Science Data Archives
- covering collections back to 1900

Assets for research work

ABOUT NEWS & EVENTS CONTACT COVID-19

TOOLS & SERVICES TRAINING DATA CATALOGUE

Home / Covid-19



CESSDA and COVID-19

cesspa and its national Service Providers strive to serve the research community despite the coronavirus crisis, and online services continue to function as usual. The Cesspa consortium is especially committed to supporting researchers working on COVID-19 related research.

On this page you can find information about COVID-19 specific resources from the CESSDA consortium and other relevant sources.











Research communities, projects and opportunities

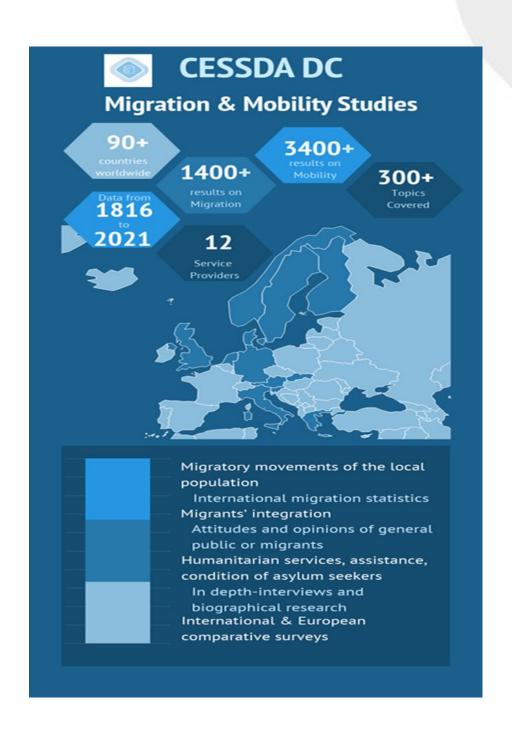


Migration is a topic that remains high on the EC agenda and consequently on the researchers 'interests across Europe and worldwide.

HumMingBird (2019-2023) is a Horizon 2020 project https://hummingbird-h2020.eu/

16 partners across Europe aiming at improving understanding of dynamics of migration flows and their drivers by analysing patterns, motivations, geographical routes' changes, etc., using mixed data techniques, new data types and sources as well as more traditional quantitative and qualitative data sources.

CESSDA's role is to ensure that collected data feeds in the CESSDA Data Catalogue, ensuring FAIR, render accessible to a large variety of stakeholders (designated research communities, potential interested policy makers, and the wider public with the post-project exploitation of data and indicators).







BY-COVID creates a multidisciplinary data ecosystem for COVID-19 which will help enhance pandemic preparedness.

53 partners bring together data resources and catalogues across domains, captures data governance and access procedures.

Engage with national and international stakeholders, train and build capacity of national and international stakeholders.

CESSDA' role is to connect Fair SS data by widening the portal scope from molecular to population focus, train SS researchers and interact at an extent with life sciences researchers, work on an interdisciplinary perspective with regard to open metadata and possible restricted data.

A pioneer project, an explorative cooperation to respond to constantly transforming societal challenges by responsible and interdisciplinary research







Connecting - cooperating

- CESSDA ERIC explores collaborations, defines its position at the EU and global scale.
- CESSDA is strengthening its position by connecting with thematic research communities.
- Widening and outreach across scientific domains.
- Exploring and experimenting new data types, data landscape and research communities.



To learn more, we invite you to attend:

Wednesday, 8 June 2022

Session C2: Partnerships and collaborations

15:30-17:00 PM

(Virtual) - Moving with the times: multilingual thesaurus management in a changing environment

Thursday, 9 June 2022

Panel 3: Training as grounds for collaboration across disciplinary boundaries

15:30-17:00 PM

Session D1: Data access, governance and ethics

15:30-17:00 PM

(Virtual) - Managing data access in CESSDA I: the Data Catalogue and Beyond

(Virtual) - Managing data access in CESSDA II: the Data Access Policy

Thursday, 9 June 2022

Panel 5: The CESSDA Data Archives joint efforts to support journals in data sharing and reproducibility

15:30-17:00 PM

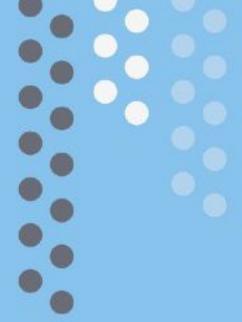
Friday, 10 June 2022

Data Services of the future

11:00-12:30

Panel 7: Trust Standards, Support and FAIR Enabling Trustworthy Repositories







Advancing the European Open Science Cloud (EOSC)

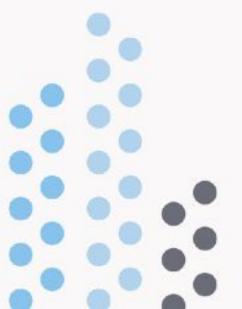
Martina Drascic Capar Carsten Thiel



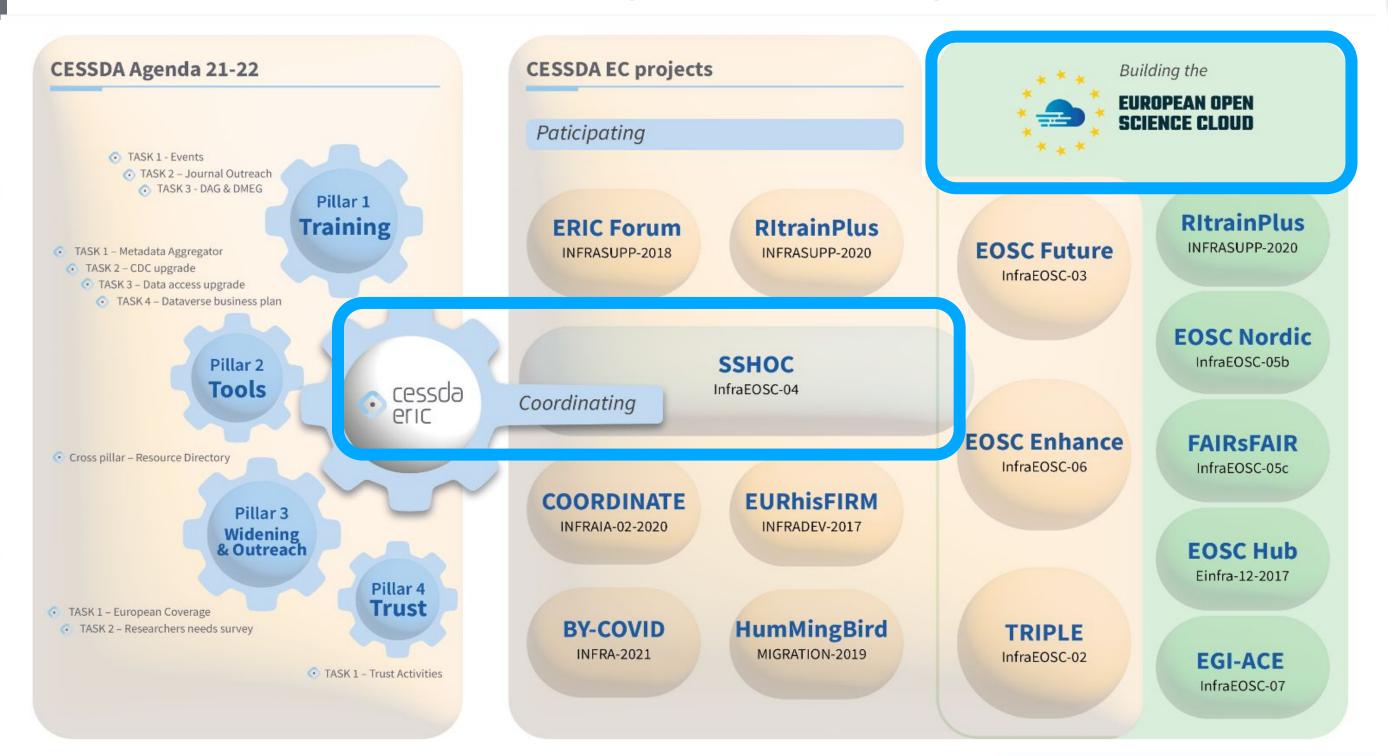








CESSDA participating in building EOSC



"Web of FAIR Data and services' for science in Europe. EOSC will be a multi-disciplinary environment where researchers can publish, find and re-use data, tools and services, enabling them to better conduct their work."

European Strategy of Data

5 cluster projects to build EOSC Climate neutral Sciences and smart cities Environmental SSHOC Social Sciences Life Sciences EOSC-Life COVID - 19: **ESCAPE** understanding the virus, panosc its structure and societal impact









Type of action & funding:

Research and Innovation action



Objectives:

- creating the social sciences and humanities (SSH) part of European Open Science Cloud (EOSC)
- maximising reuse through Open Science and FAIR principles (standards, common catalogue, access control, semantic techniques, training)
- interconnecting existing and new infrastructures (clustered cloud infrastructure)
- establishing appropriate governance model for SSH-EOSC



SSHOC Highlights

SSH Open Marketplace up & running, one-stop access for SSH resources, tools and services, workflows on how to use them & suggestions for similar tools

6 ESFRIs (5 Landmarks, 1 project) working together

7 onboarded SSH data communities, SSH Marketplace testers' community, SSH Training community - 172 members

SSHOC website - main communication channel and gateway to services (Marketplace)

Social media community of 2200+ members, and 470 newsletter subscribers

6 Services onboarded on EOSC, 7 in process, 3 pending

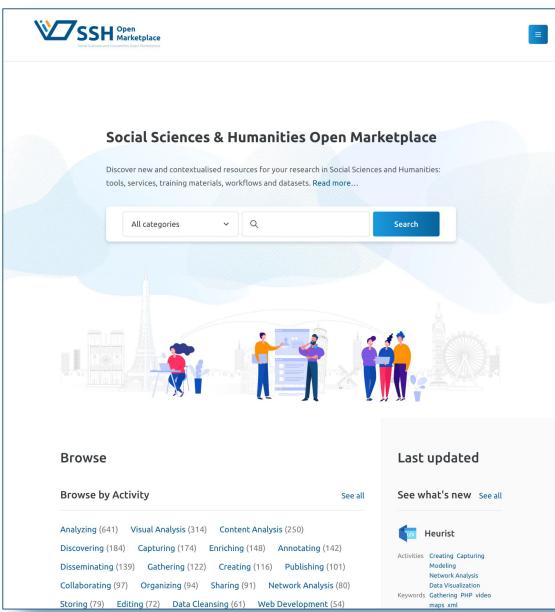
Regular coordination and alignment with other Cluster projects (EOSC-Life, ESCAPE, ENVRI-FAIR and PANOSC)

5000+ stakeholders engaged in 100+ events

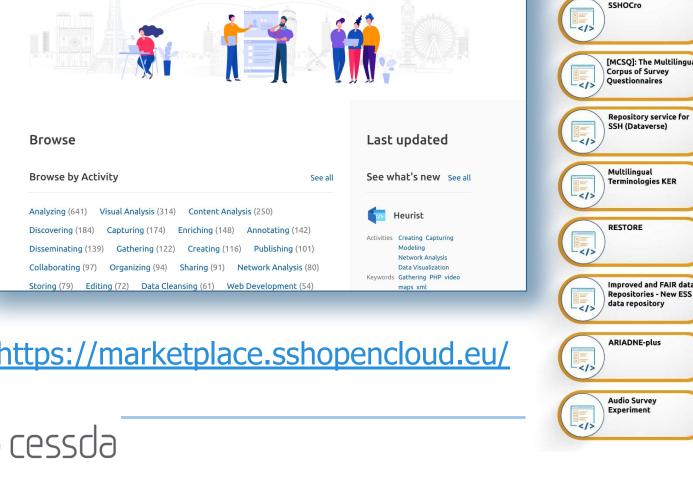
100+ official reports, 33 KERs

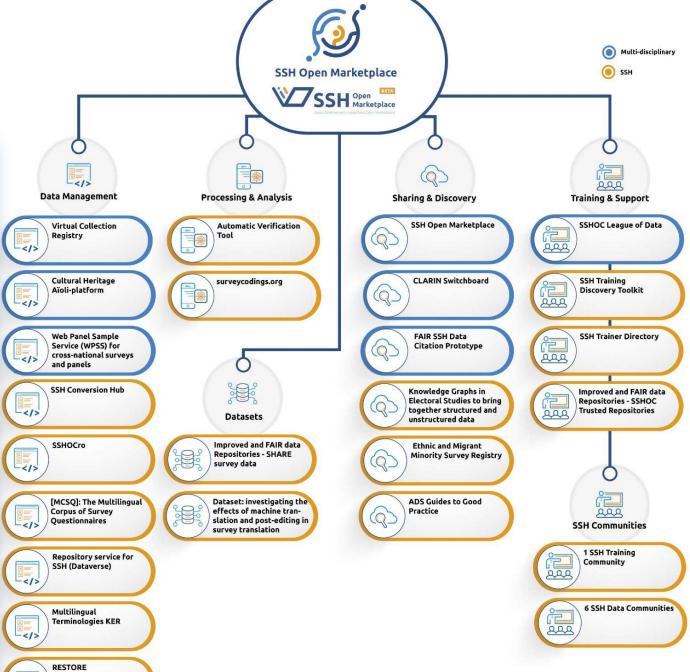
(SSH Open Marketplace system specifications downloaded over 4300 times)

SSHOC Results



https://marketplace.sshopencloud.eu/





SSH OPEN MARKETPLACE

FAIR SSH data citation prototype

API for Generations and Gender Programme (GGP)

Archive in a Box (Dataverse)

SSH GDPR Code of Conduct

CLARIN Switchboard

Virtual Collection Registry

SSH Conversion Hub

Web Panel Sample Service (WPSS) for cross-national

surveys and panels

Audio Survey Experiment

Cultural heritage Aïoli-platform

Framework for data use agreement

SSH Trainer's Directory

SSH Training Discovery Toolkit

[MCSQ]: The Multilingual Corpus of Survey Questionnaires

Improved and FAIR data Repositories - SSHOC Trusted

Repositories (SSHOC Trust Support)

Ethnic and Migrant Minority Survey Registry

Automatic Verification Tool

Knowledge Graphs in Electoral Studies to bring together

structured and unstructured data

surveycodings.org

SSHOCro

RESTORE

ARIADNE-plus

League of Data

ADS Guides to Good Practice

Multilingual Terminologies

Improved and FAIR data Repositories - New ESS data

repository

Improved and FAIR data Repositories - SHARE survey data Dataset: investigating the effects of machine translation

and post-editing in survey translation

SSH Training Community

6 data Communities

- available for further research activities after the end of the project
- covering data management, sharing & discovery, training & support, processing & analysis and SSH Communities
- all tools are being made accessible via the SSH Open Marketplace and 13 of them onboarded on EOSC Portal

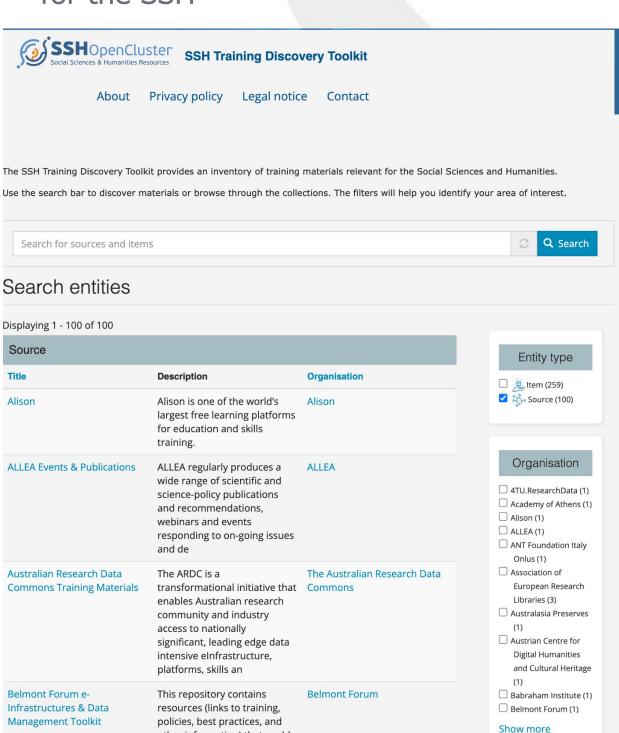


What is in it for me?



SSH Training Discovery Toolkit

- https://training-toolkit.sshopencloud.eu/
- inventory of training materials relevant for the SSH



other information) that enable Belmont Forum researchers to meet the Data Ma



SSH Open Cluster



From SSHOC to the SSH Open Cluster

Breaking down community silos to advance Social Science and Humanities Research



Memorandum of Understanding for the establishment of the SSH Open Cluster

PREAMBLE

The Social Sciences and Humanities (SSH) ESFRI Landmarks and Projects, as well as relevant international SSH data infrastructures and other stakeholders gathered in the Horizon 2020 project Social Sciences and Humanities Open Cloud (SSHOC) want to preserve SSHOC project's numerous outputs, make them sustainable, and exploitable.

The aim of the SSHOC project was to create a European open cloud ecosystem for social sciences and humanities, consisting of technical and social components, to maximise re-use of SSH data through Open Science and FAIR principles, to interconnect existing and new SSH infrastructures, and to establish the governance for the SSH part of the European Open Science Cloud (EOSC).

The undersigned European Research Infrastructure Consortia (ERICs)1:

- Consortium of European Social Science Data Archives (CESSDA),
- Common Language Resources and Technology Infrastructure (CLARIN),
 Digital Research Infrastructure for the Arts and Humanities (DARIAH),
- European Social Survey (ESS), and
- Survey of Health, Ageing and Retirement in Europe (SHARE),

hereinafter referred to as the Parties and acting as the founding members, have hereby agreed as follows:

Article 1. Scope and Objectives of the MoU

The overall objective of this MoU is to prepare the establishment of the SSH Open Cluster to further intensify collaboration between different SSH community stakeholders and to take an active role in promoting quality and impact of SSH within the European Research Area and beyond. It will enhance mutual interaction, further explore synergies and expertise, and support sharing of know-how in all areas of common interest.

In particular, it will

- Maximise support to the SSH research communities and optimise the use of resources by sharing relevant developments and results.
- Identify common challenges affecting the SSH domain and collectively develop responses to these challenges.
- Support joint visibility and branding in the area of SSH.

¹ The European Research Infrastructure Consortium (ERIC) is a specific legal form that facilitates the establishment and operation of Research Infrastructures with European interest. ERICs carry out research programmes and projects and represent added value in the development of the European Research Area (ERA) and significant improvement in the SSH field with effective access granted to the European research community in accordance with the rules established in the statutes. ERICs actively contribute to the mobility of knowledge and/or researchers within the ERA, as well as to the dissemination and optimisation of the scientific results.

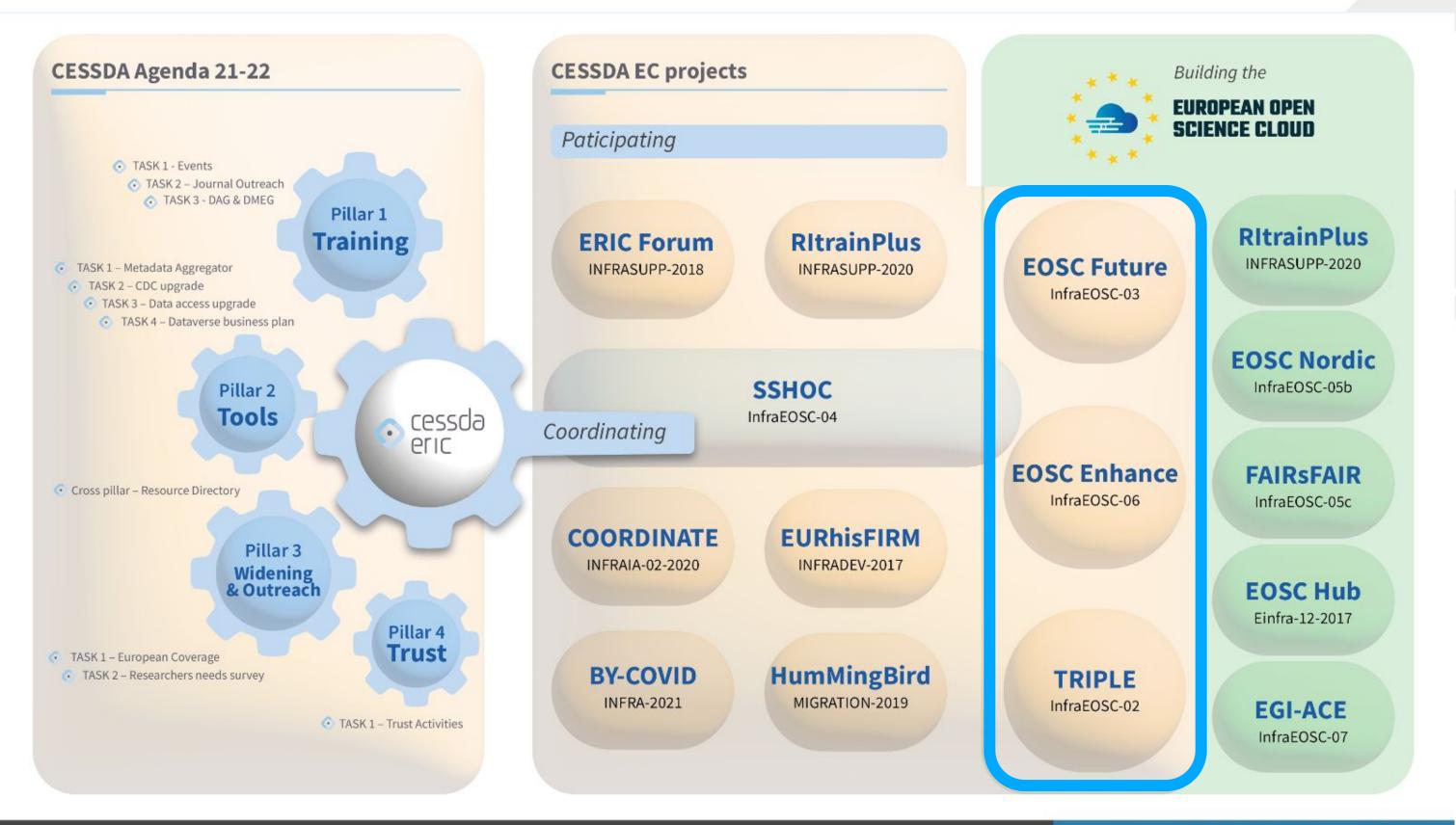


SSHOC, "Social Sciences and Humanities Open Cloud", has received funding from the EU Horizon 2020 Research and Innovation

Memorandum of Understanding for SSH Open Cluster

- all ERICs signed, committed
- CESSDA coordinating currently
- maintaining SSHOC results (SSH
 Marketplace SLA signed)
- TRUST among partners and communities
- access to and overview of all results & stakeholders
- providing further access to new members
- making sure the **community lives** long after the project





pean Strategy Forum on Research Infrastructures) Landmark. CESSDA is an ERIC (European Research Infrastructure Consortium), a European legal entity.









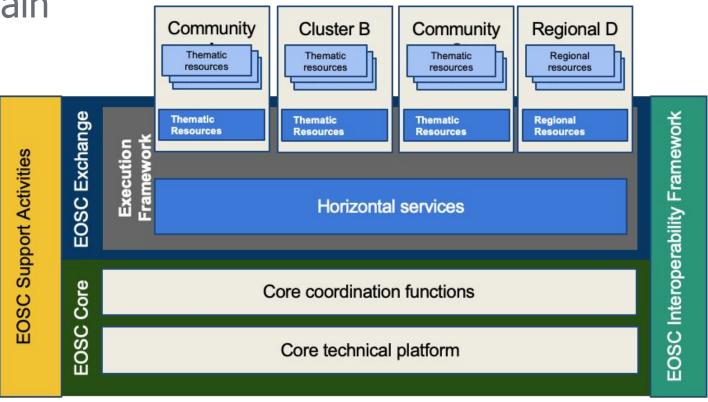
European Open Science Cloud



- Infrastructure projects aligning European initiatives
- > Federated structure with a system of systems
- > Technical alignment for interoperability
- Services applicable to any research domain
- Catalogue of high quality services
- > Support & Frameworks

Developed through

- > EOSC Enhance (12/2019-11/2021)
- > EOSC Future (04/2021-09/2023)







https://eosc-portal.eu/



Domain specific portals

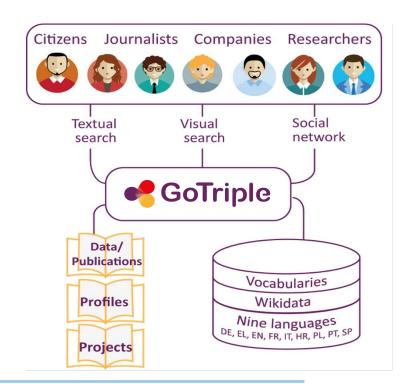
SSH Open Marketplace

- > Tools & services
- Training materials
- > Workflows
- Supported by data and publications

GoTriple

- Scholarly communication & Open Science
- > literature, data, projects and researcher profiles
- Connected to domain specific and generic catalogues







The interconnected portal landscape

Finding data, tools, publications and more

- Different platforms
- > Different purposes
- All interoperable
- Metadata exchange
- Common standards

There is still work to do

- > Interconnection
- > Synchronisation
- > User guidance





Discovery service for the social sciences and humanities





To learn more, we invite you to attend:

Thursday, 9 June 2022

Partnerships and collaborations

10:00-12:00

Panel 3: Training as grounds for collaboration across disciplinary boundaries

Data literacy

13:30-15:00

Session E1: Using, managing and sharing vocabularies: SSH Vocabulary Commons

17:00-18:00

Posters

- GoTriple Discovery Platform for Social Sciences and Humanities

Friday, 10 June 2022

Partnerships and collaborations

11:00-12:30

Session H1: (Virtual) - Secure Data Facility Professionals Networks - what's in it for your TRE?







European RIs & advancing the Digital Future of Europe

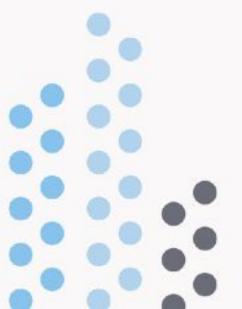
Ivana Ilijasic Versic Irena Vipavc Brvar

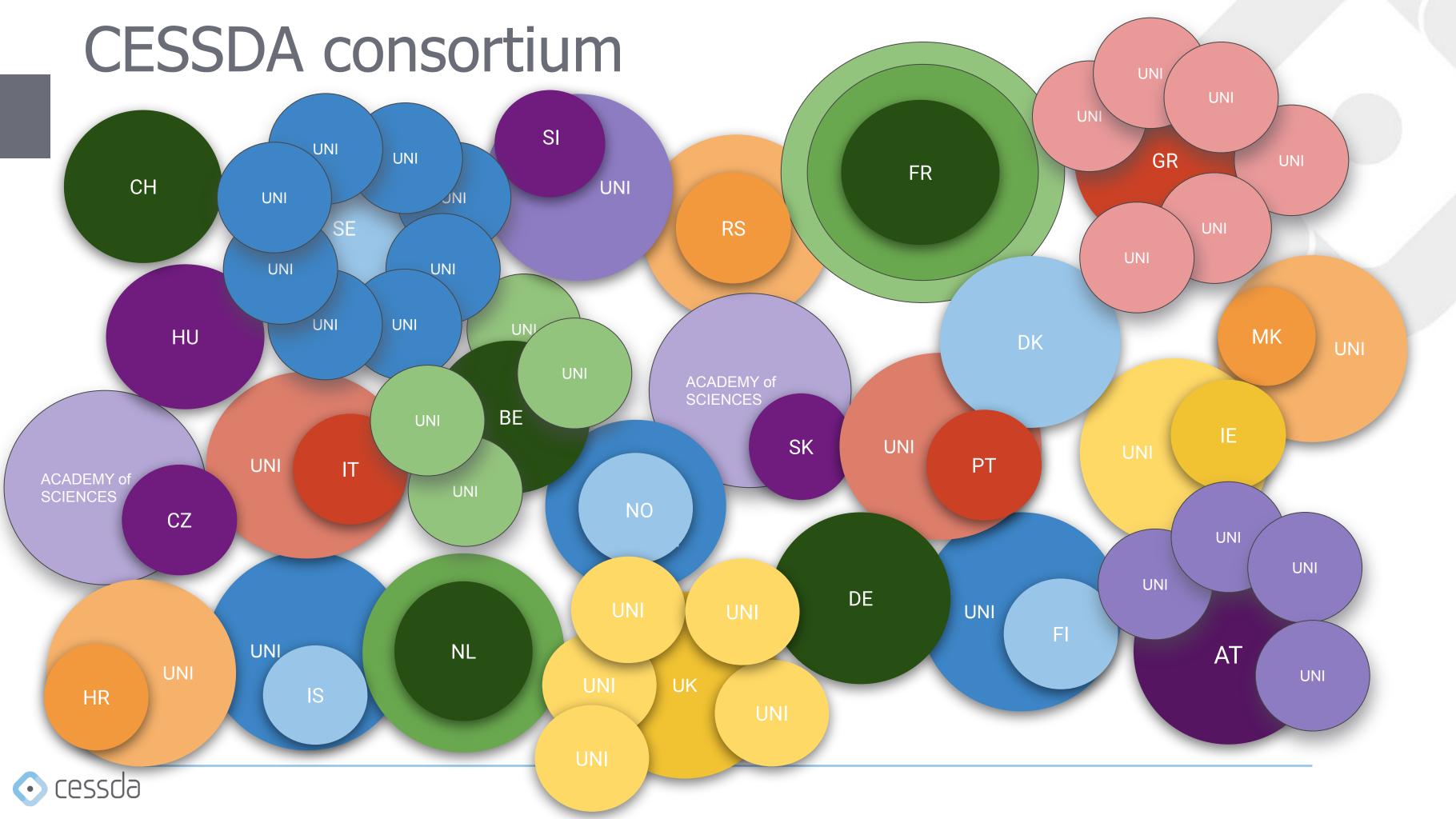












SSH domain























European Strategic Forum for Research Infrastructures - the Roadmap



THEMATIC AREAS

DATA, COMPUTING & DIGITAL RESEARCH INFRASTRUCTURES

ENERGY

ENVIRONMENT

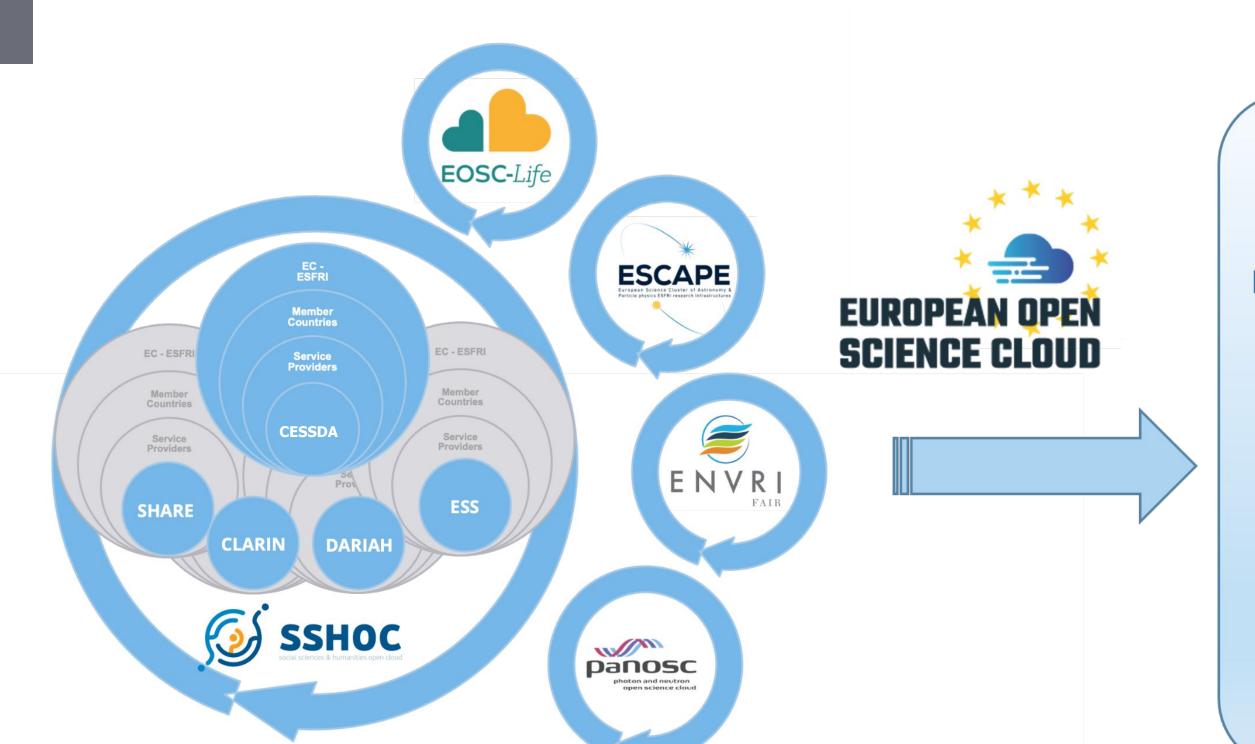
HEALTH & FOOD

PHYSICAL SCIENCES & ENGINEERING

SOCIAL & CULTURAL INNOVATION



European Open Science Cloud and more





Partnership Agreement(s)

Domain roadmap

Strategic alignment

Multi-annual funding

Entry support

Sustainability

Better support to

researchers

Europe strong history in the implementation of RIs

- 55 RI from ESFRI Roadmap budget of 2B€/year
- More than 1000 RI receive national or European support

Budget:

FP7: Total **1.7 B€**

H2020: Total **2.5 B€**

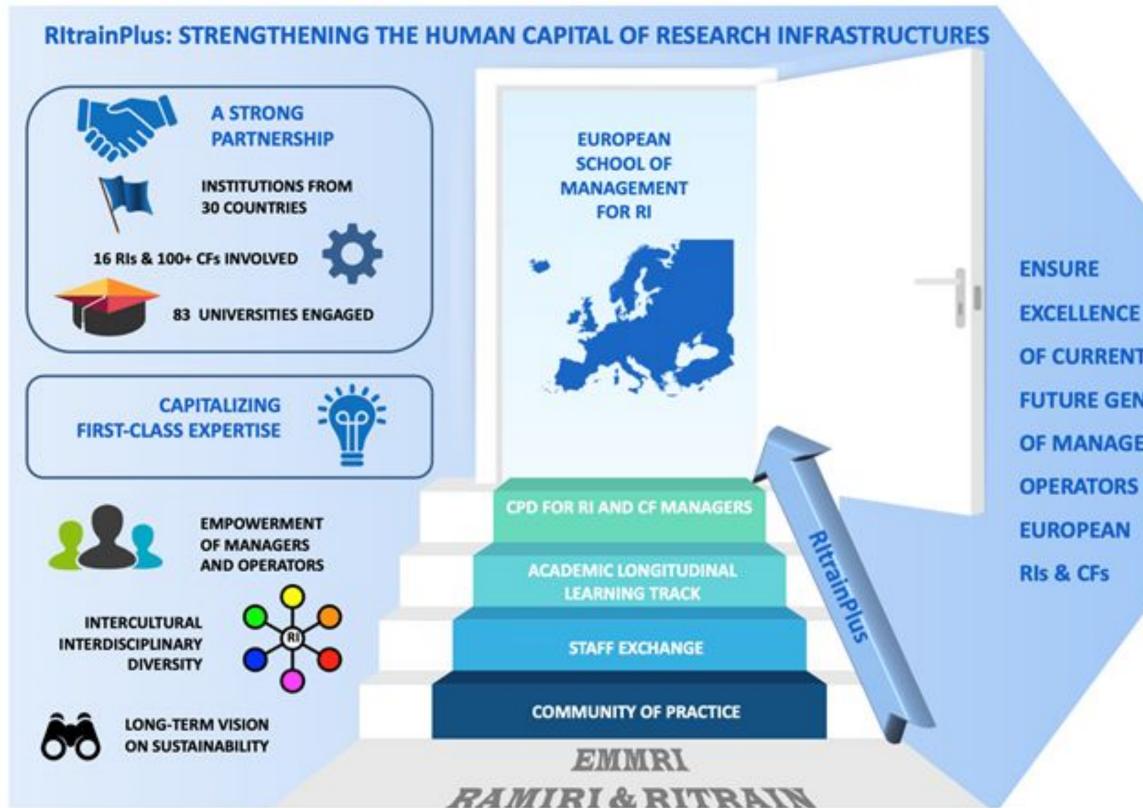
- About 300k€/project on average are devoted to training activities, but this results in a scattered and fragmented training context.
- The current management development programmes offered by universities and Business Schools do not tackle the specific needs of RI and CF.

The management of RIs and CFs has become a central issue to ensure an efficient interface with stakeholders as well as funding and political institutions.

Source: Lavitrano, M. (2022): RItrainPlus. Driving Excellence for Research Infrastructures and Core Facilities. (ritrainplus.eu)



RItrainPlus aims to meet the needs



OF CURRENT AND

FUTURE GENERATION

OF MANAGERS AND

OPERATORS OF

Source: RItrainPlus (2022). About RiTrainPlus. (ritrainplus.eu)





ERA Policy Agenda: Research Infrastructures

Action 8 - Strengthen sustainability, accessibility and resilience of research infrastructures in the ERA

Expected impact

- Strengthened research infrastructure **services**, better adapted to user needs
- Sustainability of European research infrastructures (system as a whole)
- Better **accessibility** of European research infrastructures and their services to users across the EU, including through the EOSC
- Stronger engagement of stakeholders in research infrastructures activities
- Identification of opportunities for research infrastructure clustering
- Enhanced impact on society, skills and talents;

•....

Source: Sobczak, D. (2022) Training and carriers of RI managers and operators in the context of the ERA Policy Agenda (ritrainplus.eu)



To learn more, we invite you to attend:

Wednesday, 8 June 2022

Partnerships and collaborations

17:00-18:30 PM

CESSDA special session. Developing Data

Archives: Challenges of the Changing

Environment

Thursday, 9 June 2022

Session F2: Partnerships and collaborations

15:30-17:00

SND – a Swedish national collaboration

Friday, 10 June 2022

Data Services of the future

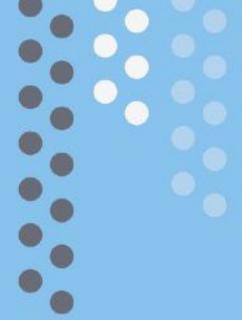
13:30-15:00

Panel 8: Pan-European Research Data

Infrastructure: Challenges of the Changing

Environment







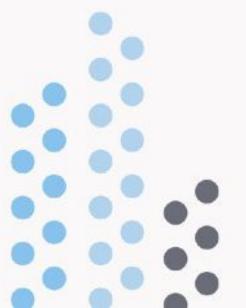
Go to www.menti.com and use the code 4343 9685

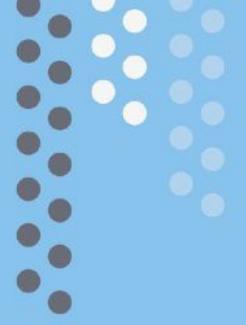


cessda.eu











Thank you!

Feel free to contact us at:

Ivana Ilijasic Versic, CESSDA ERIC MO (ivana.versic@cessda.eu)
Vanja Komljenovic, CESSDA ERIC MO (vanja.komljenovic@cessda.eu)
Dimitra Kondyli, EKKE (dkondyli@ekke.gr)
Martina Drascic Capar, CESSDA ERIC MO (martina.drascic@cessda.eu)
Irena Vipavc Brvar, UL-ADP (irena.Vipavc@fdv.uni-lj.si)
Carsten Thiel, CESSDA ERIC MO (carsten.thiel@cessda.eu)



cessda.eu



@CESSDA_Data



