

Liber conference

24 June 2021

From principles to reality :
How OPERAS Research Infrastructure
paves the way to Open Knowledge ?

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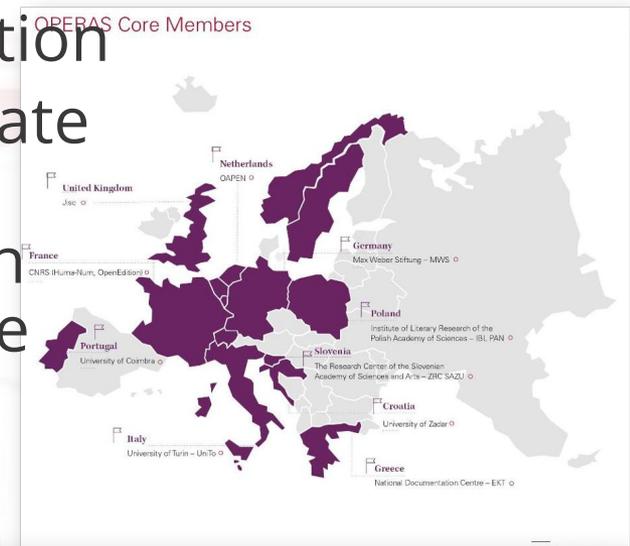


- What is the OPERAS AISBL ?
- Value proposition
- OPERAS services
- 2 projects in the scope of OPERAS
 - COESO
 - TRIPLE
- Concrete impact on society and RRI
(Responsible Research Innovation)



OPERAS : the Research Infrastructure for Social Sciences and the Humanities

- Support Open Scholarly Communication
- Main mission : Coordinate and federate resources in Europe to efficiently address the scholarly communication needs of European researchers in the field of SSH
- Legal entity, AISBL 2021
- 53 organizations
- 16 countries
- 10 core members



- Association of European University Presses – AEUP
- DARIAH ERIC
- SPARC Europe
- Public Knowledge Project – PKP
- Scientific Electronic Library Online – SciELO



OPERAS has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreements No 731031 (OPERAS-D), No 731162 (HIRMEOS), No 871069 (OPERAS-F), and No 863420 (TRIPLE).

OPERAS

open scholarly communication in the european
research area for social sciences and humanities

Europe

EUROPEAN OPEN SCIENCE CLOUD



E-INFRASTRUCTURES



SSH ERICS



NATIONAL REPRESENTATIVES



ORGANISATIONS



International



CO-OPERAS

OA Booksnetwork

IOI-Invest in Open
Infrastructures

OPERAS services

OPERAS

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CERTIFICATE
RESEARCH



MAPS AND
CERTIFICATES
PUBLISHERS' PEER
REVIEW PROCESSES

DISCOVERY
RESEARCH



SINGLE ACCESS POINT
TO DIFFERENT SOURCES
IN DIFFERENT
LANGUAGES

ACTIVATE
RESEARCH



PLATFORM FOR THE
INTEGRATION OF
RESEARCH AND SOCIETY

MEASURE
RESEARCH



DASHBOARD FOR
USAGE METRICS FOR
OPEN ACCESS BOOKS

PUBLISHING
RESEARCH

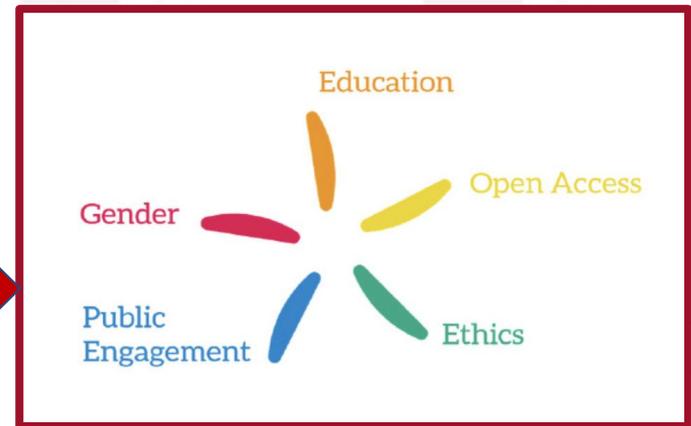
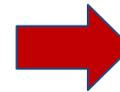


CATALOGUE OF
PUBLISHING SERVICE +
A WIZARD GUIDING TO
THE MOST FITTING

A common vision for Responsible Research and Innovation

- Impact Public Engagement practices through mutual learning and stakeholder engagement
- Open Access and FAIRness of data, results, processes, methodologies and workflows
- Science education through participatory processes and practices
- Gender and ethical dimensions

5 keys of Responsible Research and Innovation from
Structural Transformation to Attain Responsible BIO
Sciences logo.



Collaborative Engagement on Societal Issues

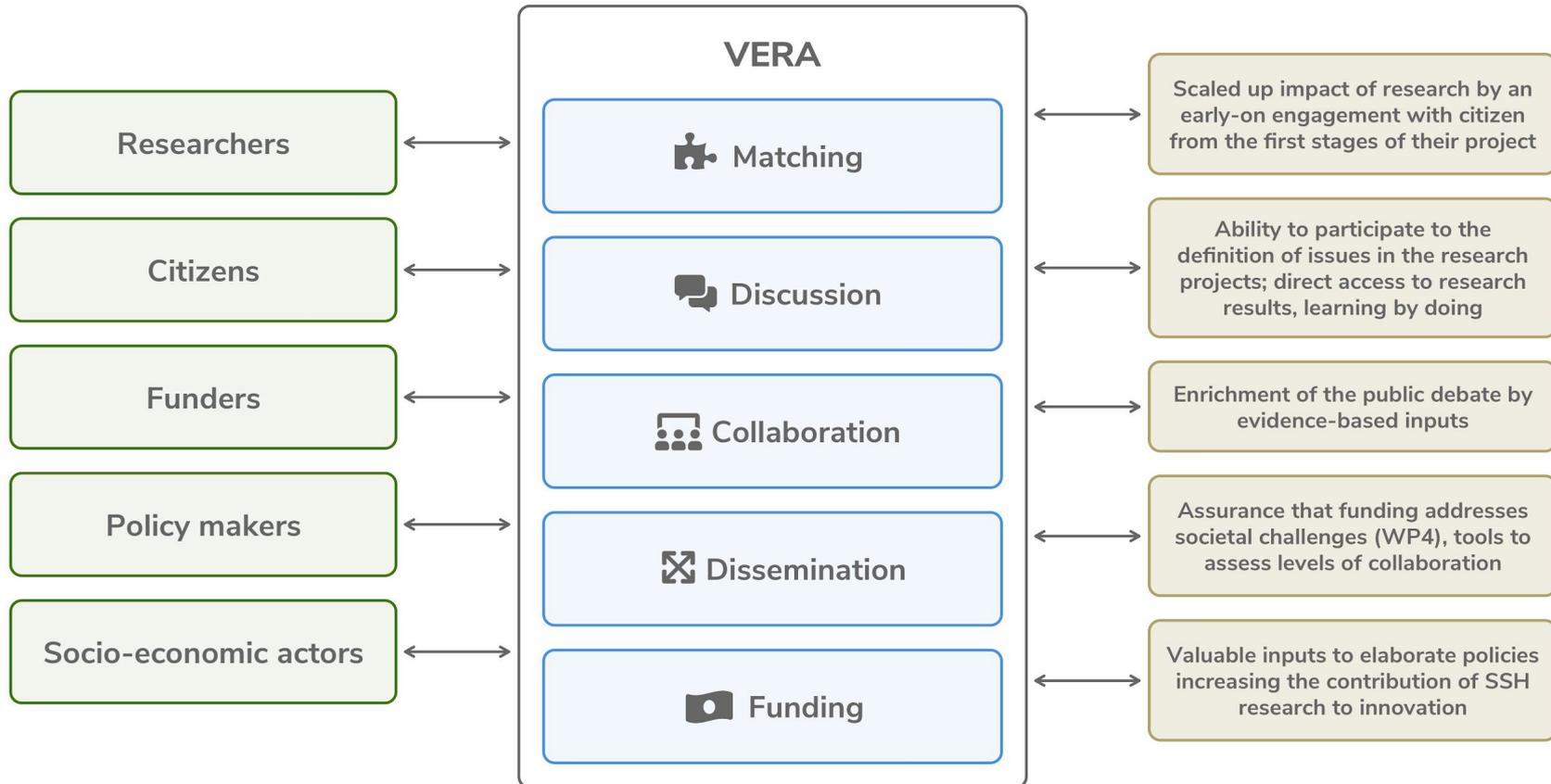
- H2020 European project funded - 2M€
- 36 months (2021-2023)
- 15 partners
- 6 European countries
- Virtual Ecosystem for Research Activation (VERA)
- Collaborative Tools & Services

COESO, H2020 project under GA N°101006325



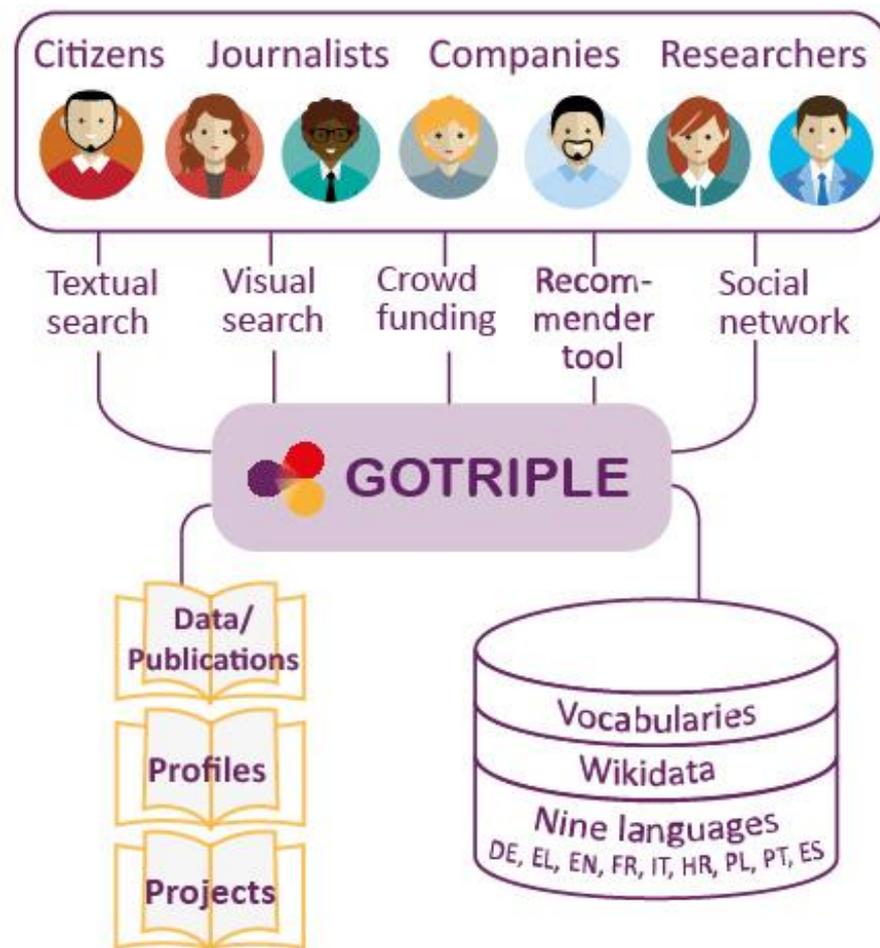
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What will VERA be?



The discovery service of OPERAS

- H2020 European project funded - 5,6M€
- 42 months (2019-2023)
- 19 partners
- 13 European countries
- Discovery platform dedicated to SSH for researchers and a larger audience
- Multilingual
- 5 innovative services

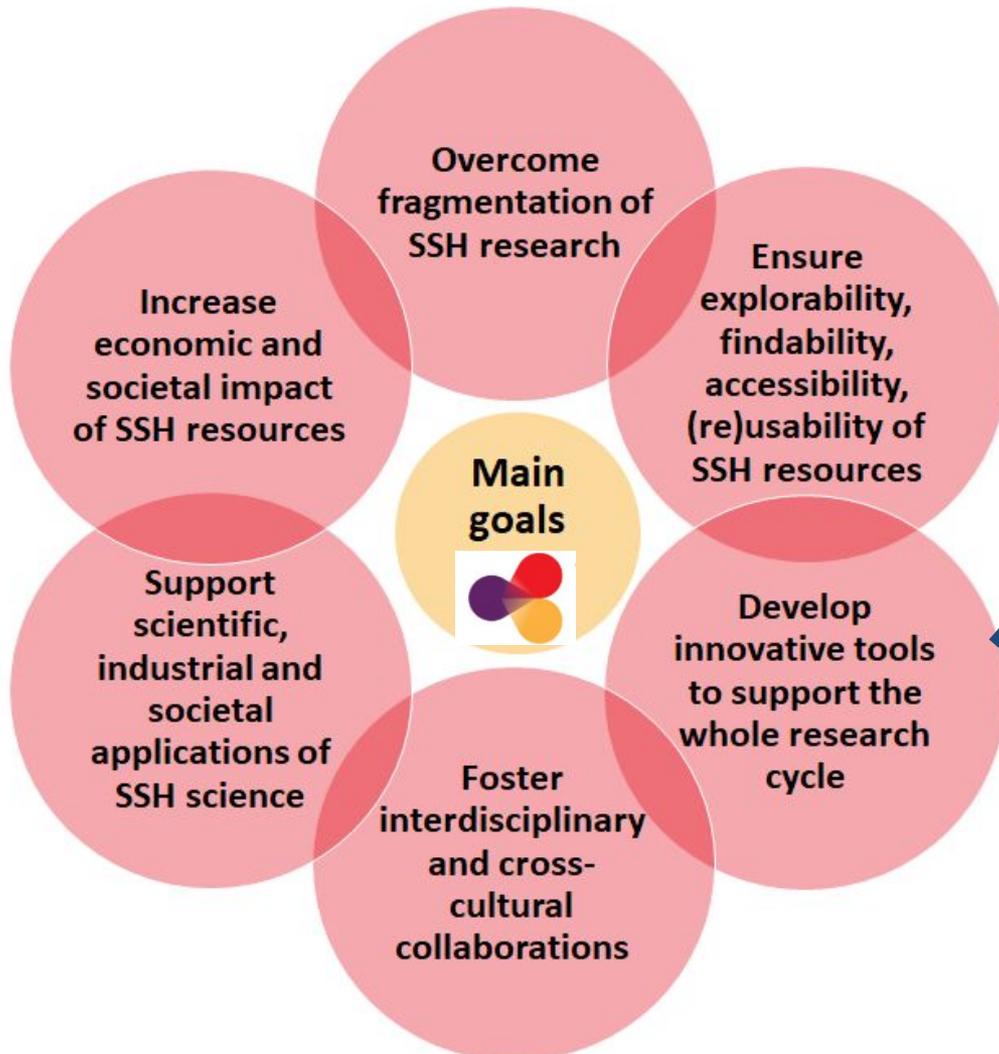


TRIPLE H2020 project under GA N°863420



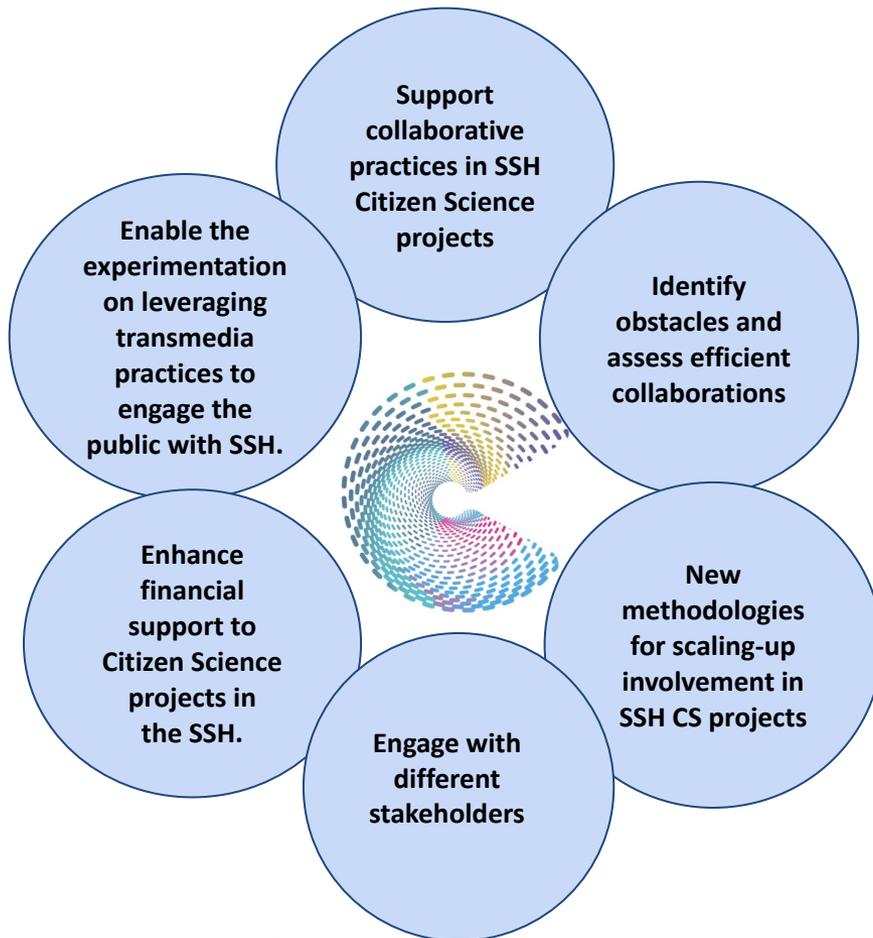
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GoTriple Impacts on society



- Discovery service
- Innovative services

- Visual discovery system
- Annotation service (Pundit)
- Trust building system
- Recommender system
- Crowdfunding platform

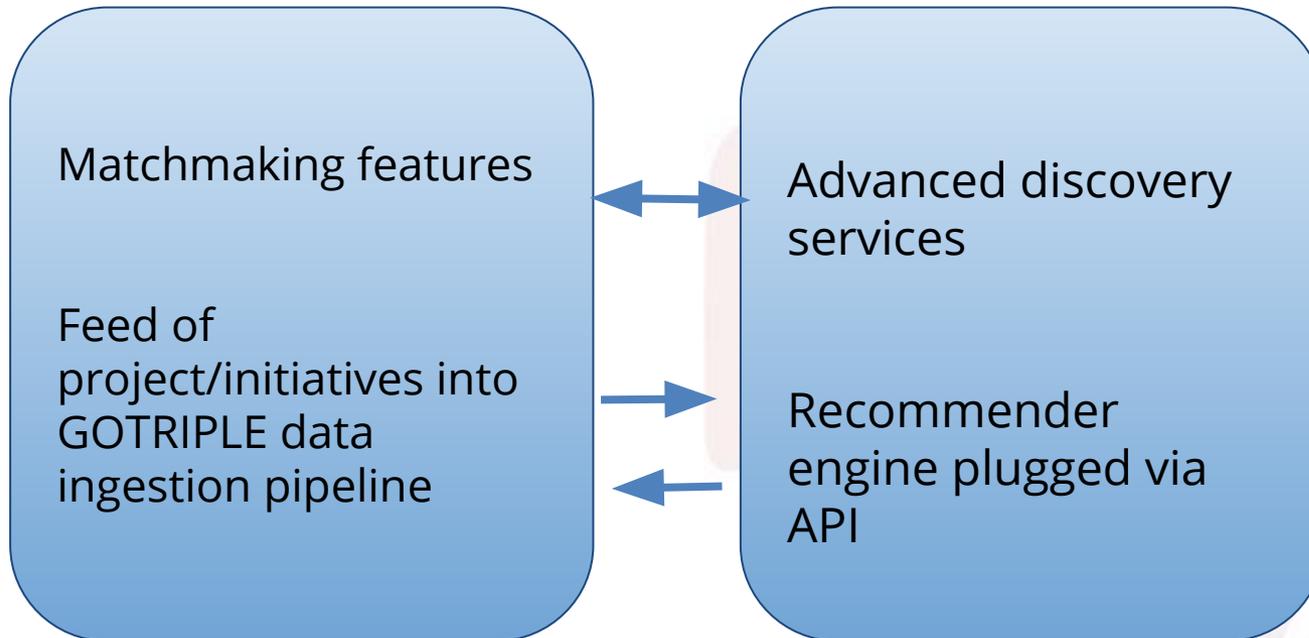


A meeting point among communities:

- SSH
- Open Scholarly Communication
- Citizen Science
- European initiatives



Interoperability of the two platforms



IMPACT ON SOCIETY

- Needs
 - Access raw data in a format that allows her to query the data
 - Accurate data
- Current pain points
 - Lack of access to original datasets
 - Incompatible formats of datasets
 - Lack of time to read full papers
- On gotriple
 - Data sets search
 - Save them to her dashboard
 - Search for recent publications
 - Advanced and restricted search
 - Show overview option

Ms Maria Masthoff
AGE: 39
POSITION: Advisor to Policy Makers
NATIONALITY: Netherlands (Based in Brussels?)

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USER STORY: As a Policy Advisor I need access to raw data sources and relevant research to provide accessible information to inform EU policy makers.

NARRATIVE: Maria is an advisor to EU policy makers for socio-economic issues impacting Europe. Maria is currently working extremely hard to provide the relevant policy makers in Brussels with up-to-date information regarding the socio-economic impacts of Covid-19 restrictions brought in with the onset of the outbreak in the different European countries. The information provided will help direct the future responses. She needs accurate data and in a format that allows her to 'query' the data and not just view it in a published graph.

Maria tends to check 'Agence Europe' every day (<https://agenceurope.eu/en/home.html>) and she uses the Google Dataset search in order to find relevant sources of data. She uses Zenodo too as she likes the interface and it's easy to see the type of data presented and the date it's uploaded. Maria noticed that Zenodo has prioritised the Covid-19 data, showing this as a default making it extremely accessible without having to spend much time searching. In the future she thinks it would be a good option for platforms to remember your interests and present the relevant new research as a default.

Maria has learned to write some basic codes in Python and R in order to scrape the data she needs from various sources. She sometimes uses WorkBench to collect data as she likes the interface (and she doesn't need to remember her coding skills). Maria tends to learn the coding as and when she needs it and finds a lot of support from online communities such as a Slack group called the Data Visualisation Society, and also GitHub.

PAIN POINTS:

- Lack of access to original datasets (raw data)
- Incompatible formats of datasets (eg processed via SPSS)
- Lack of time to read full papers, wishes to obtain an overview in a short time

GOALS:

- To Bridge the Gap between the academic and political world
- To produce accessible reports for Policy makers summarising relevant research
- Having a directory of relevant academics who are willing to speak to Policy Makers

QUOTE: "I think it (raw data) probably should be available just as standard. Your average citizen is probably not going to look at it, but it should be out there. The science should be reproducible so it should be fully available if someone wants to look at it and think well I would actually change that, so I need to do X, Y and Z and see how it affects the data."

TECH EXPERTISE: ██████████

ENGAGEMENT RESEARCH: ██████████

COLLABORATION: ██████████

Tools Used: Twitter; MS Office; Google Scholar;

The TRIPLE project is funded by the European Commission, under Grant Agreement No. 863420

Triple

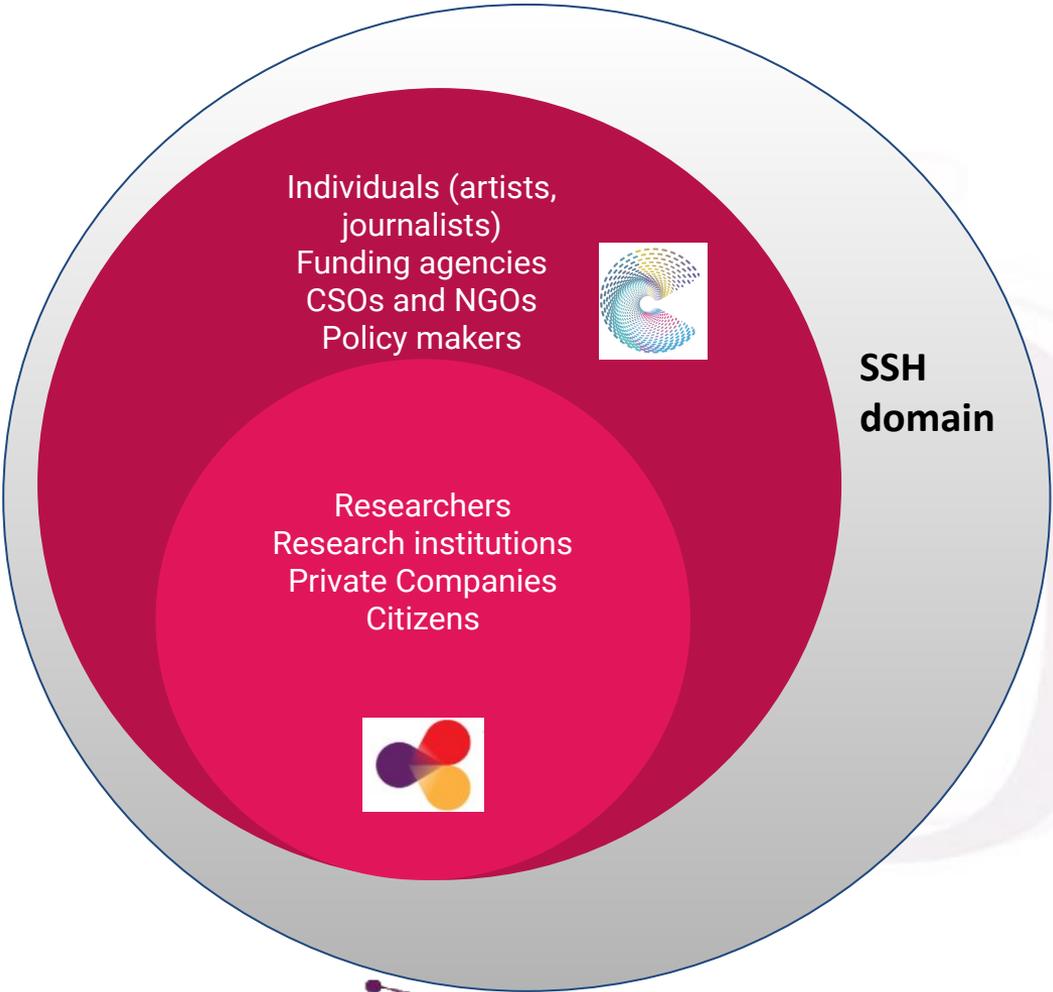


How can SSH answers to concrete societal challenges? - the COESO pilots

- How tourism impacts public spaces usage and urban spaces?
- How different SSH disciplines can collaborate: dance & philosophy pilot
- How social evolutions pass through the common reuse of properties confiscated to mafias
- Investigative reporting impact: the accessibility and appropriability of tools and databases for journalists
- Supporting the “growing migrant knowledge”



Target audience



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Funding SSH research

→  **COESO** funding tool
connecting research and society

- Based on the *Fund.it* database (funding and mobility schemes in SSH)
- will allow to search for existing funding schemes and calls for Citizen Science projects in the SSH.
- will increase the ability of funding organizations to allocate funding to activities targeting Public Engagement elements

→  **GoTriple** crowdfunding service

- to fund non-funded projects
- to help researchers fund their project thanks to the support of non-academic stakeholders.
- Innovative approach in terms of research funding is particularly relevant to SSH research that directly addresses societal issues.



THANK YOU for your attention!

Any question?

