

## About

ROSiE is a three-year project funded by HORIZON2020. Its mission is to co-create with all related stakeholders novel practical tools to foster a responsible open science and citizen science.

## Contribution

Provide customized solutions through an interdisciplinary knowledge hub bound to actively pursuing open approaches in science and research, while complying with relevant legal frameworks and ethical standards.

## Responsible OS

Opening of data should be made in such a way that is fully aligned with the General Data Protection Rule while providing safeguards for the integrity of the opened data.

Research Ethics

Research Integrity

Legal aspects

Social aspects

## Objectives

A systematic inventory of RE, RI, social, and legal implications and challenges of OS; scanning of existing technologies and platforms that safeguard responsible OS.

Promote responsible OS; operational guidelines; complement to the ECoC within the OS framework; guidance on existing technologies and platforms for responsible OS.

Consultation and stakeholder engagement with the stakeholders; create and facilitate a community of practice to gather knowledge on RE/RI in OS from other European projects.

A RE/RI Knowledge Hub for OS; training materials for RE/RI aspects of OS.

## A selection of ROSiE's outputs

### Strategic Policy Paper on Responsible Open Science

- It addresses various crosscutting issues and challenges in Open Science, Research Ethics, and Research Integrity.
- It equips policymakers, research institutions (RPOs and RFOs), publishers, researchers, and the public with the necessary tools and knowledge to facilitate the transition towards action and practice-oriented policy methods.

### Responsible Open Science guiding principles:

- Quality, ethics, and integrity:** Transparency, scrutiny, sustainability, and reproducibility
- Collective benefit:** Collaboration, participation, and inclusion
- Equity, diversity, and fairness:** equality of opportunities and inclusiveness

The guiding principles for responsible Open Science provide a framework for enabling conditions and practices within which the above values are upheld in the implementation of Open Science, at the following areas:

- Open Access
- Open Data
- Open reproducible research
- Open Science evaluation
- Open Science policies
- Open Science tools
- Citizen Science

Scan here to access the document



### Policy Document Complementing the ECoC (The ROSiE General Guidelines on Responsible Open Science)

- It represents a step forward by transforming ROSiE's outputs into a set of guidelines that are designed to support stakeholders in embracing Responsible Open Science practices and provide practical tools and knowledge.
- It establishes the first-ever guidance document on Open Science in Europe, showcasing the ROSiE project's commitment to advancing the field.
- By adopting the **ROSiE General Guidelines for Responsible Open Science**, stakeholders across the research landscape can actively contribute to the promotion of responsible Open Science.
- Through this collaborative effort, we aim to foster transparency and societal impact in Europe and beyond.

### It consists of 64 points on the following areas

- Research Environment and Infrastructures
- Protection of Research Participants, the Environment, Ecosystems, and Cultural Heritage
- Open and Reproducible Research Practices
  - Open research practices
  - Open data
  - Open Methods and Tools
  - Citizen Science
  - Training and Education
- Research Evaluation
- Inclusivity

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## ROSiE Knowledge Hub (KH) A practical tool for Responsible Open Science



To implement a versatile structure, for the end-user to be able to construct her/his own portfolio of building elements

### 1st level      2nd level      3rd level

The entrance to ROSiE KH has many options in different thematic areas connected to Open Science.

Choose one among Infrastructure, Research Integrity, Research Ethics, Legal, Social, Policy, and training...

... to go to the next level.

The building blocks of each thematic category can be found in this level.

Each one containing concise information obtained from ROSiE's deliverables.

This level contains the content of each building block.

A user's guide features at ROSiE's website to provide generic information on the use of the KH.

Scan here to access all ROSiE's deliverables at the project's website



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