RESIE Responsible Open Science in Europe

integrity in open science and citizen science

About

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

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

stematic inventory of <u>RE, RI, social, and I implications</u> and challenges of OS; uning of existing technologies and

romote responsible OS; <u>operational</u> <u>uidelines;</u> complement to the ECoC within the IS framework; guidance on existing echnologies and platforms for responsible OS.

A RE/RI <u>Knowledge Hub</u> for OS; <u>training</u> <u>materials</u> 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:

- 1. Quality, ethics, and integrity: Transparency, scrutiny, sustainability, and reproducibility
- Collective benefit: Collaboration, participation, and inclusion
- 3. 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 Data
- Open reproducible research
- Open Science evaluation Open Science policies
- Open Science tools
- Citizen Science



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
 - А. В. Open data
 - Open Methods and Tools
 - Citizen Science
 - Training and Education



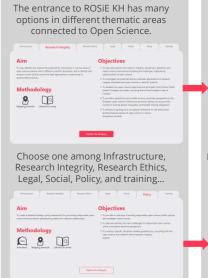
ROSiE Knowledge Hub (KH) A practical tool for Responsible Open Science

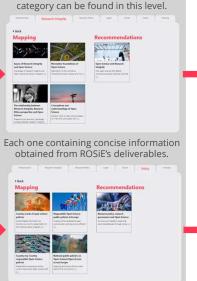
The building blocks of each thematic



To implement a versatile structure, for the end-user to be able to construct

1st level -- 2nd level - 3rd level







website to provide generic information on the use of the KH. A user's guide to the Knowledge Hub

A user's guide features at ROSiE's













