

Citizen Science as part of the National Strategic Framework for Open Science 2022-2030

Open Science - From Policy to Practice Conference

Session: Mutual Learning Exercise - Citizen Science initiatives - Policy and Practice -

Dissemination event

Stockholm, 16 May 2023

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Content



UEFISCDI & role in support of OS

Progress achieved in Romania towards an enabling environment for citizen science (2022)

Citizen participation in the enrichment & validation of the Strategic Research Agenda - National Strategy for RI & RIS3 2022-2027

MLE contribution to citizen science strategic recommendations

Brainmap Platform

UEFISCDI role

→ Main RFO for RDI competitive funds in Romania
* As funders - we have the responsibility to help the community understand and implement the RDI policies

→ Implementing Agency - Program Operator for the Research - EEA & Norway Grants

→ Policy adviser to the Ministries (R&I and Education)
* Starting 2006 - UEFISCDI - promoter of public consultation&societal dialogue, stakeholders engagement

→ Acting since 2014 as a promoter for openness: developing instruments to foster collaboration and open the dialogue:

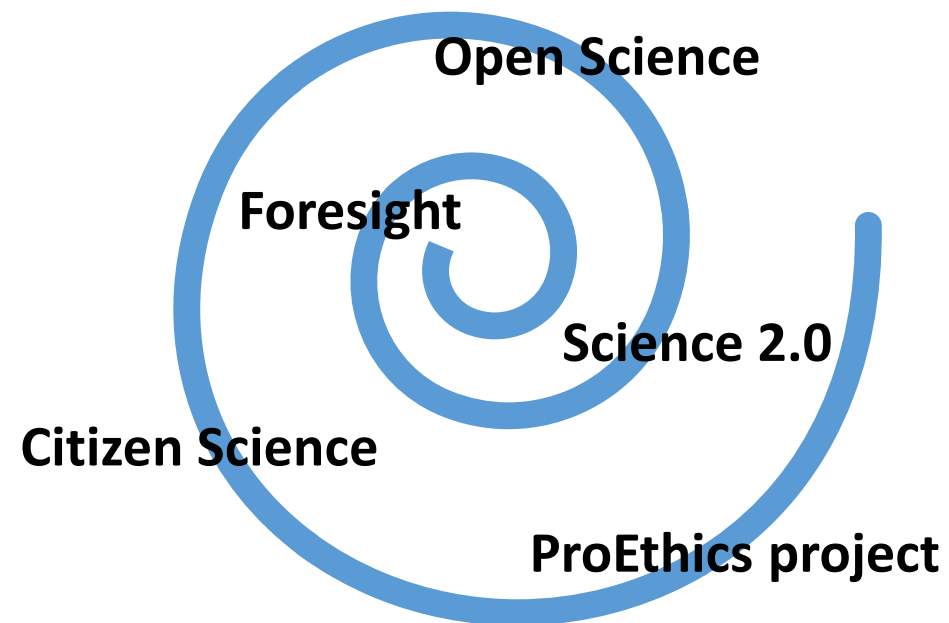
- BrainMap: <https://www.brainmap.ro>
- EERTIS - <https://eertis.eu>

eertis

brainmap



uefiscdi



*Inclusive participation for support
in RDI policy making*

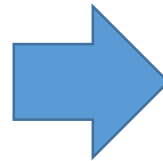
UEFISCDI & role in support of OS



*UEFISCDI - active on the OS subject since 2014

*2018 - Open Science Knowledge Hub was created (part of UEFISCDI):

- Developed the national strategic framework for OS (2022-2030)
- Developed the national portal dedicated to open science
- Main contact point for OS
- At the *forefront of walking the talk* on OS at national level



**OSKH - UEFISCDI
National Role in
Championing OS**

Policy advisor

Facilitator for capacity building

Supporter of an OS transition at national level

Promoter of stakeholders engagement

Connector of the national landscape to the European OS initiatives

OSKH - UEFISCDI: OS initiatives

Citizen Science and R&I Foresight: Part of the [Policy Support Facility Challenge - Mutual Learning Exercise](#)

Support for OS policies: member in [CoNOSC](#) & [Science Europe](#) (WG on Open Science; TF on Open Research Software; TF on EOSC); **connected to UNESCO's work on OS**

[Open Access Diamond Plan](#) signatory

Collaboration with Research Data Alliance (RDA) – support for open research data & EOSC (OSKH is [RDA node Romania](#))

Support for infrastructure & services for open science (OSKH is [OpenAIRE Romania NOAD](#))



OSKH - UEFISCDI: EOSC & RA initiatives



Support the EOSC development:

- Co-coordinator of the Romanian Open Science Cloud Initiative (RO-NOSCI) (NI4OS – Europe project)
- Member of the EOSC Association (TFs Upskilling countries to engage in EOSC, Researcher engagement and adoption & Research careers, recognition and credit)
- part of the FAIR-IMPACT project



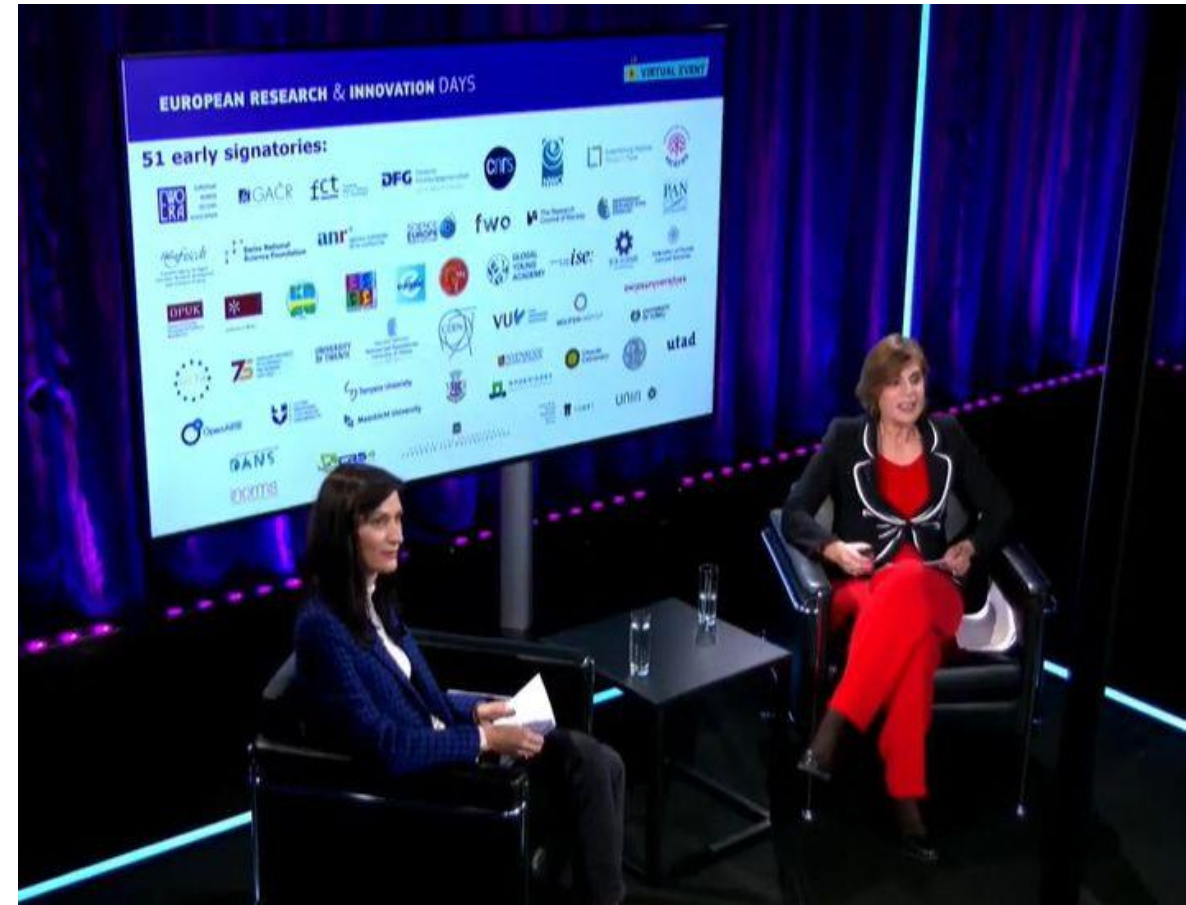
OS & Research Assessment

UEFISCDI:

- 51 early signatories of CoARA  **CoARA** 
- DORA signatory 

We are part of:

- Science Europe (WG on Research Culture, TF on Recognition Systems) 
- OPUS (Open Universal Science) project 
- GraspOS project: next Generation Research Assessment to Promote Open Science 



Progress
achieved in
Romania towards
an enabling
environment for
citizen science
(2022)

National Legal & Policy Frameworks for Supporting and Sustaining Citizen Science

→ Romania firmly opting for Open Science



Citizen Science is embedded in the national RDI strategic documents:

- Adoption of the National Strategy on Research, Innovation and Smart Specialization 2022-2027 (Governmental Decision no. 933 of 20 July 2022)
- Adoption of the National Plan for Research, Development and Innovation 2022-2027 (Governmental Decision no. 1188 of 29 September 2022)
 - RDI funding programs & types of projects proposed to be financed (Open Science-Citizen Science)
 - Open Science is also a principle of the National Plan
- White Paper on the Transition to Open Science (2023-2030)

Citizen Science as part of the National Strategy on Research, Innovation and Smart Specialization 2022-2027

→ **Objective 1.2. Ensuring the transition to open science and facilitating the road towards excellence in scientific research**

→ **Core strategic actions:**

- **Supporting citizen science**
- OA to scientific publications (mandatory)
- Data: FAIR & Open Access - “as open as possible, as closed as necessary”
- DMP (mandatory)
- RDM costs - eligible
- Development of infrastructure&services for OS&EOSC
- Development of OS skills
- Rethinking the evaluation system
- Establishing a national support mechanism for the transition to open science

National Strategy for RI & RIS3 2022 - 2027

Governmental Decision no. 933 of 20 July 2022

Citizen participation in the enrichment & validation of the Strategic Research Agenda - National Strategy for RI & RIS3 2022 - 2027

Societal Dialogue - UEFISCDI put citizen science into practice - pilot activity (May 2022) – ProEthics project

Context: the elaboration of the National Strategy for RI & RIS3 2022-2027

Input: Strategic Research Agenda - a list of societal challenges and leading questions to be addressed by research activities

Format and method: *2 workshops (30 citizens for each workshop); Foresight/ World café*

proEthics

<https://pro-ethics.eu/#0>



National Plan for Research, Development and Innovation 2023-2027

➤ Science and Society Program

➤ Innovation in citizen science:

- *supporting exploratory activities for the development of specific innovative methods and methodologies in order to engage citizens in science*
- *awarding successful projects with citizen science components*

➤ *Exchange of best practices for the development of capabilities needed to implement open science (grants)*

➤ Projects for the training of researchers in science communication

➤ Science in schools

➤ Festival of science, creativity and innovation

➤ Science and technology summer schools

➤ Supporting national and international scientific events

➤ Challenge Programme (citizen science is addressed)

<https://www.research.gov.ro/uploads/programe-nationale/pc-cdi-iv/hg-aprobare-pncdi-iv.pdf>

National Plan for RDI 2023 - 2027

<https://www.research.gov.ro/uploads/programe-nationale/pc-cdi-iv/hg-aprobare-pncdi-iv.pdf>

1. National Plan for Research, Development and Innovation 2023-2027

- **Other types of OS support/ projects proposed to be financed:**
 - Developing the institutional capacity to implement open science practices (grants for the development of OS skills, including citizen science)
 - Open access publication
 - Preparation of the research data
 - Supporting the participation of RO and the relevant RO entities in/ for the development of EO SC

2. Fund for the Institutional Development

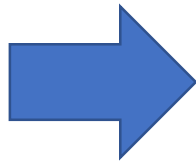
- Supporting public universities to implement open science practices (including citizen science)

<https://uefiscdi.gov.ro/fondul-de-dezvoltare-institutionala-fdi>

National Plan for RDI 2023 - 2027

<https://www.research.gov.ro/uploads/programe-nationale/pc-cdi-iv/hg-aprobare-pncdi-iv.pdf>

MLE contribution
to citizen science
strategic
recommendations
(2022)



National Policy Framework for Supporting and Sustaining Citizen Science

White Paper on the Transition to
Open Science (2023-2030) -
published on December 21, 2022

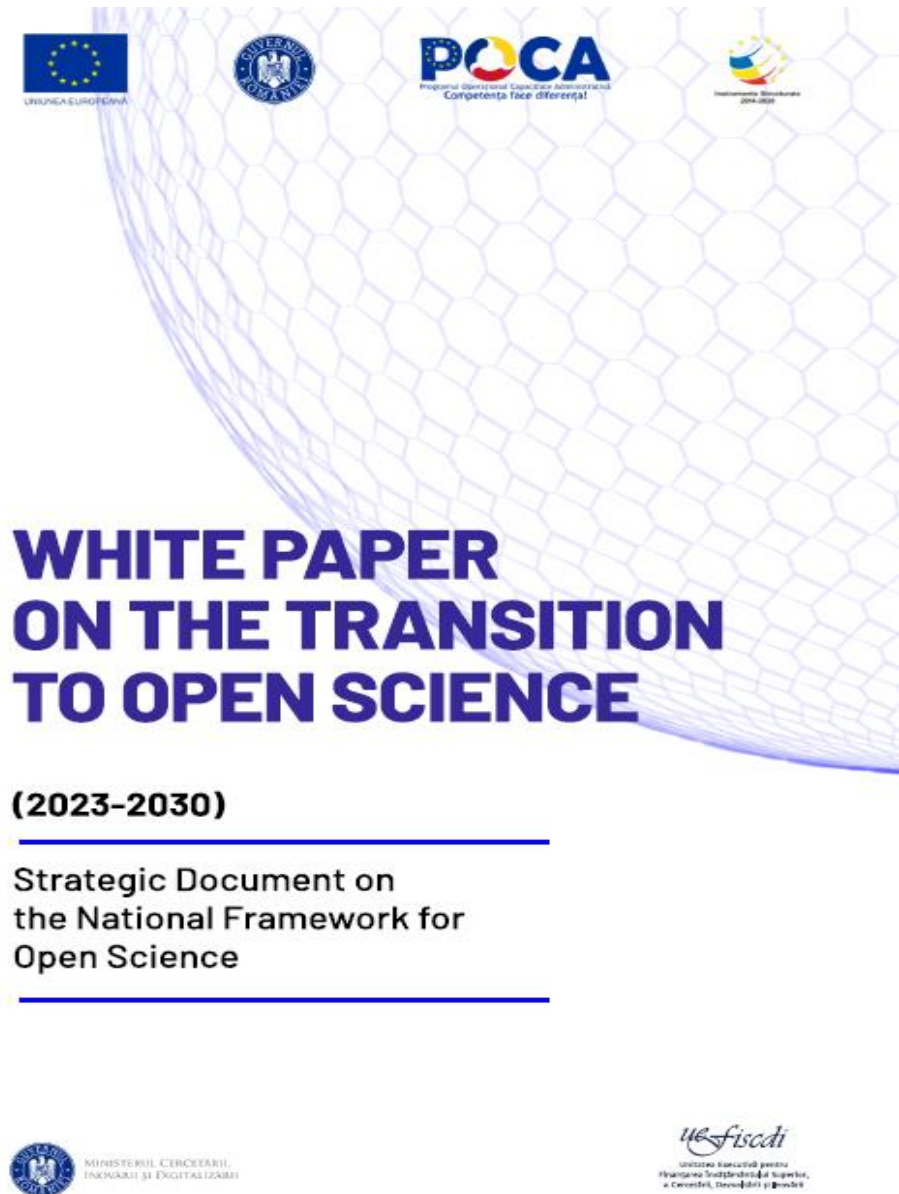


White Paper on the Transition to Open Science (2023-2030)

8 Strategic Objectives

1. Ensuring OA to scientific publications resulting from publicly funded research
2. Research data management and ensuring open access to research data
3. Ensuring transparency and fairness of OA publishing costs and those of access to international publications
4. Developing the infrastructure and services for open science
5. Establish a long-term governance for the transition to OS and EOOSC
6. Developing the skills needed to implement open science
7. Adapting the process of research assessment and rewarding in the new context of open science

8. Citizen science



White Paper on the Transition to Open Science (2023-2030)

Strategic objective 8. Citizen science

→ Proposed actions:

8.1 Supporting projects that encourage citizen involvement in various stages of the research process

8.2 Development of innovative methodologies and instruments to facilitate citizen science

8.3 Supporting the development of specific citizen science competencies

8.4 Rethinking the reward and research assessment system by taking into account the practice of citizen science

8.5 Development of a national network on citizen science



(2023-2030)

**Strategic Document on
the National Framework for
Open Science**



Thank you!

PASSION LED US HERE

