



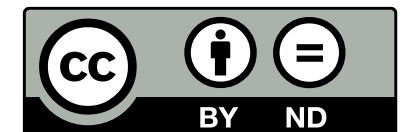
Shaping and Tracking Policies via Open Science Monitoring

What to expect, how to align

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National infrastructures in EOSC | Oct 12, 2022

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Why tracking

1. EOSC is a system of systems, it has many facets and is crucial to align. **Knowing is power.**
2. Member States & Associate Countries have different views, infrastructure maturity and funding levels. **Going from diversity to convergence.**
3. Countries and institutions adapt and adopt in different paces and in different ways. **Need to learn from each other.**



Europe policy landscape – diverse BUT converging

1. Strategies vs. policies vs. implementation
 - a. Different views and different maturity levels
2. National strategies for Open Science in many countries – *in progress*
 - a. Originating either via top down or bottom-up processes (examples are e.g. France, Norway vs. Serbia, Greece)
 - b. Role of National Open Science Coordinators
3. Institutional policies – 706 already registered
 - a. OpenROAR database – not including all
 - b. Quite often soft mandates – no follow up



What are we tracking

1. Policies Open Science is the key policy in EOSC but there is more
 - a. Data access/data governance
 - b. SLAs for services
 - c. IPR
 - d. GDPR/privacy
2. Practices and implementation
3. Uptake (the reality)



Who is tracking

1. MS/AC via the EOSC Steering Board – a coordinated effort
2. EOSC-A to monitor progress and commitments from its members
3. Individual countries monitoring different facets of Open Science
4. European Science & Technology Observatories with Open Science is in the center (e.g., ERA)
5. Global efforts via UNESCO

How are we tracking

The general monitor ▾ The health monitor ▾



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Global Observatory of Science, Technology and Innovation Policy Instruments



OPEN SCIENCE OBSERVATORY

An OpenAIRE service to:

- Better understand the European open research landscape
- Track trends for open access to publications, data, software
- Reveal hidden potential on existing resources
- View open collaboration patterns

Learn More

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Overview

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STI Legal Framework

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International Organizations for STI Cooperation ▾

Impact of Research and Innovation on SDGs

Digital Library ▾

External STI Databases ▾

Welcome

GO-SPIN is a methodological tool to map national science, technology and innovation (STI) landscapes and analyse STI policies and their implementation. The open-access platform offers innovative databases with powerful graphic and analytical tools for the use of decision-makers, parliamentarians, universities, knowledge brokers, companies, specialists and the general public, with a complete set of diverse information on STI policies.

National Reports on the implementation of the Recommendation on Science and Scientific Researchers



Collaboration

Impact

Innovation

information

Policy addresses Infrastructures that include aspects of open science

science

Policy addresses Skills and competencies

Policy addresses Incentives and rewards

Support and Lar



Some issues

1. A time consuming process that needs engagement and commitment
 - a. Updatedness
 - b. Human resources
2. Converging to a common framework, indicators and metrics
 - a. Collecting numbers is tricky as we need to have a common understanding
3. When using automated methods, data quality is an issue