



PROMPTING AN EOSC IN PRACTICE

EOSCpilot Considerations on the Rules of Participation

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Recommendations on a minimal set of EOSC Rules of Participation

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EOSC pilot

The European Open Science
Cloud for Research Pilot Project

www.eoscpilot.eu

Evolution of the terminology

~~Rules of Engagement~~

Military connotation. So
avoid if possible!



Principles of Engagement

Used in EOSCpilot
project until now...



Rules of Participation

Introduced in EC EOSC
Implementation
Roadmap



What are we talking about

High Level

- Guiding principles for contributing EOSC resources (services + data + people)
- Guiding principles for using EOSC resources

Implementation level

- Requirements on information about services
- Terms of use, service level agreements, certifications,...
- Quality metrics
- Access control
- Peer review,...



Study aimed at identifying and propose a preliminary set of Rules of Participation for **Service Providers** and **Users** in EOSC

EOSCpilot activities involved:

- Joint effort of activities on governance, policy, EOSC architecture, and service management framework

Landscape analysis and consultations (since May 2017)

- Analysis of 7 e-Infrastructures, 11 Research Infrastructures, 2 commercial cloud providers, and scientific initiatives established on the basis of charters/codes of conduct.
- Stakeholders iterative consultations:
 - [2nd EOSCpilot Governance Development Forum](#), Tallin (EE), Oct 2-3, 2017
 - EOSCpilot WP2 meeting, Brussels (BE), Oct 18-19, 2017
 - [EOSC Stakeholder Forum](#), Brussels (BE), Nov 28-29, 2017
 - [Piloting EOSC governance framework](#), Porto (PT), January 25, 2018
 - [EOSCpilot All Hands meeting](#), Pisa (IT), March 8-9, 2018
 - Workshop at ENVRI week, Zandvoort (NL), May 16, 2018



The Rules have been adjusted to reflect the **need for inclusiveness, transparency and openness on the EOSC participation** and propose specific Rules which could be added to fulfil the requirements of particular scientific communities or services.

The rules are aligned with the **Implementation Roadmap for the European Open Science Cloud** published by the European Commission on March 14, 2018.



For all EOSC service providers

- EOSC services shall be **registered** in an EOSC compliant or compatible service catalogue visible to the global EOSC gateway.

In the EOSC compatible catalogues, the registered services must be **described** according to the appropriate EOSC service guidelines, which could include information such as the service availability, functionalities, operations, maturity, user support, interoperability (metadata schemata supported), openness (licenses), privacy (GDPR compliance), terms of use and contractual framework.

Rationale: Inclusiveness, transparency, enabling standardisation and interoperability of services



Detailed Rules of Participation for Service Providers

Machine-readable metadata

- Machine readable description
- Persistent identification (PID)

Terms of Use and Policies

- Terms of use
- Access Policies

Accessibility

- Ensure accessibility and interoperability
- APIs, standards,...

Portability

- Enable portability of data and services

Access costs and charging model

- Upfront clear information of the full cost (when applicable)

Quality of service

- Fulfil the agreed minimal set of quality guidelines

Relation to users

- Transparency concerning data management mechanism used to store-process-publish

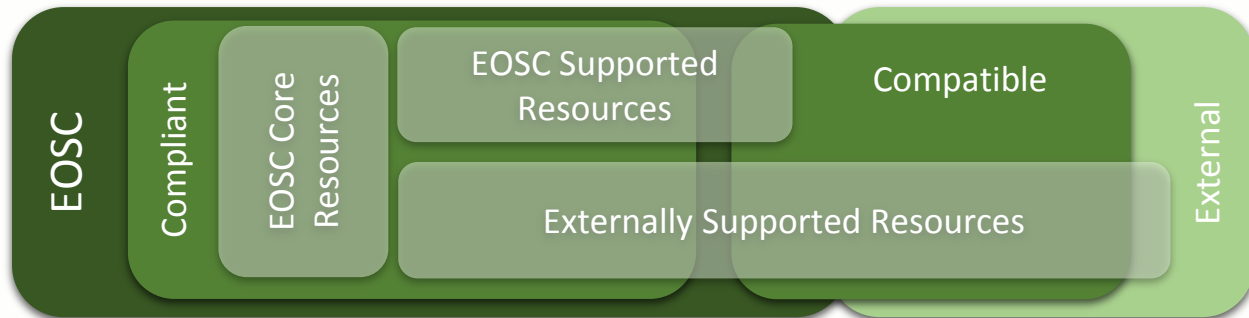


Rules Specific to Core Services of EOSC

Core Resources are ‘relied’ on for EOSC operations (i.e. central AAI, service registry, monitoring, helpdesk, enabling users feedback, among others).

The Core Resources of EOSC are the “set of services and processes that are needed to integrate and enable access to the various resources federated in the EOSC”.

These Core Resources may have to adopt stricter standards or service requirements, and be reviewed by EOSC-level bodies.





Rules of Participation for Users

Users' Rules of Participation may be framed within the Terms of Use presented by the Service Providers.

These may include:

1. Data sharing and sustainability

- In the domains where community-recognised deposition data repositories exist ((e.g. see the [ELIXIR Deposition Databases for Biomolecular Data](#)), users should be encouraged to deposit data in them in the first instance.
- Users are recommended to publish their data in a FAIR format and if applicable, open (Open Science monitoring).

1. Acknowledgement of use of EOSC services

- If requested by the Terms of Use of the service provider, users should acknowledge through citing in publications or other means the specific service or services accessed through EOSC that have enabled their research.

EUROPEAN OPEN SCIENCE CLOUD

BRINGING TOGETHER OUR

FUTURE DATA INFRASTRUCTURES

RESOURCES



Acknowledgements

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