

EOSC Future

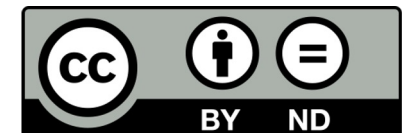
Key Exploitable Results

11th Iberian Grid Conference (IBERGRID)/Spain & Portugal EOSC Tripartite Event: Implementing the EOSC

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EOSC Future

Integrate, consolidate and connect e-Infrastructures, research communities and initiatives in Open Science to advance the EOSC platform of services (EOSC-Core, EOSC-Exchange, Interoperability Framework)

1 April 2021 to 30 Sept 2023

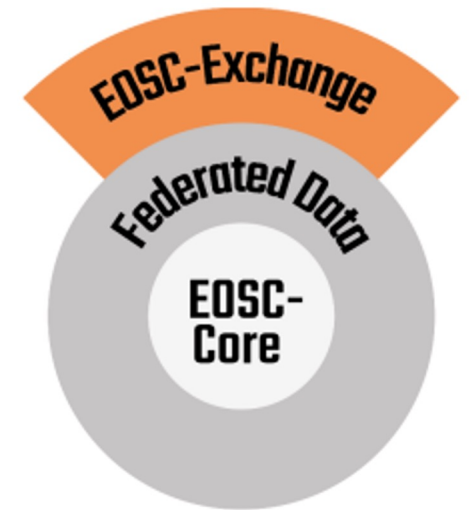
€40m budget

Connect the major stakeholders

Develop scientific use cases in research communities

Engage the broader EOSC community and increase its visibility

8 KERS

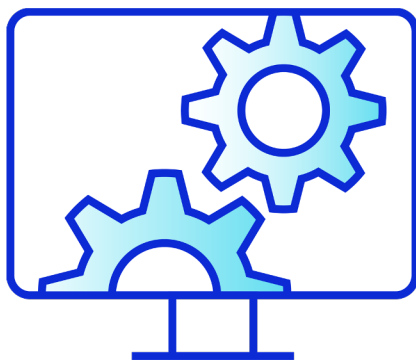


Note: KER logos are still “draft”!



EOSC Core and Support

Provides the ability to seamlessly share, access and combine individual resources across research communities



Core technical platform of EOSC

- Includes (e.g.) AAI, Accounting, Monitoring, Helpdesk, Configuration Management System, Marketplace, Resource Catalogue, etc
- Non-technical functions (e.g.) Rules of Participation, onboarding, Order Management, Security Coordination, Procurement, etc

Provisioning of multiple capabilities

- Makes it easier for service providers to integrate and interoperate with EOSC

Improves user experience

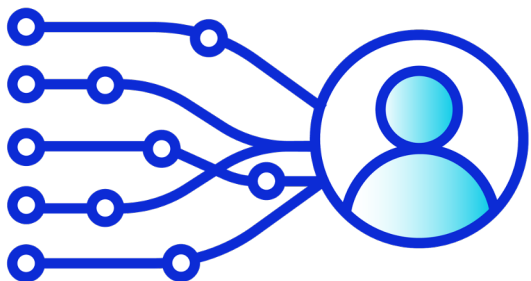
- allows homogeneous access to resources
- enables composition and implementation of complex workflows





EOSC Exchange

Unique catalogue through which research services and resources can be discovered, ordered and shared across the research community, to encourage re-use and maximise the value of research investment



A catalogue and marketplace

- a set of resources for storing, preserving and exploiting FAIR data and encouraging its re-use

Includes resources from

- the regional, thematic and horizontal EOSC projects, amongst others

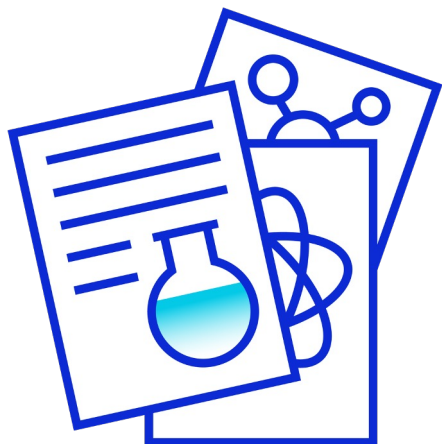
The marketplace consists of

- resources onboarded from science clusters, e-Infrastructures and other research communities research projects, research infrastructures and SMEs to serve the needs of research communities and widening to the general public and private sector



Science Projects

Cross-disciplinary working supported by EOSC Core services and integration with EOSC Exchange



Implement interdisciplinary use cases

- which use EOSC resources and tools to improve cross-disciplinary research and collaboration

Break down the barriers between research communities

- invest in the "trading zones" between the Science Clusters and e-Infrastructures
- show how EOSC can be used to create knowledge from inter-working between communities

Their potential stems from

- data, services and any other kind of research resource can be used by multiple communities, some of them from different domains
- different communities can test the same hypotheses and compare their results
- this potential is realised thanks to the EOSC platform





EOSC Observatory

Single joint capacity to support the monitoring of the implementation and uptake of EOSC in Europe



Policy intelligence tool

- for monitoring policies, investments, resources and infrastructures related to EOSC

Consists of

- a public interactive dashboard for the collection and presentation of data on the implementation and uptake of EOSC at European and National levels

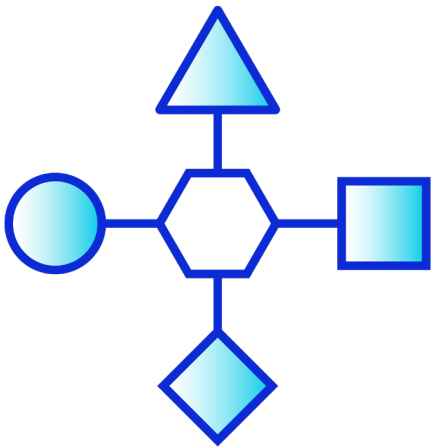
Visualises information

- number and type of research outcomes in open access
- amount of money spent on Open Science (OS)
- policies in place to implement and support OS



EOSC Interoperability Framework

Framework supporting the interoperability essential for delivering services to users and enabling sharing and composability of resources in EOSC



Set of guidelines

- Which promote standards and community best practices within EOSC

Registry

- to list the guidelines and who supports them

Governance

- to manage them



EOSC Knowledge Hub

Centralised hub delivering tailored training related to EOSC



Platform delivering tailored content to users

- Seamlessly integrated with the EOSC Portal

Training resources catalogue

- Highly curated
- Focus on free content
- Relating to EOSC, its services, related FAIR and Open Science concepts

Learning Management System

- Based on Moodle (for content delivery) and Articulate (for authoring)



Commercial Services and Support

Tailored initiatives supporting commercial involvement in EOSC to improve exploitation of research outputs



Involving industry and SMEs in EOSC

- Improve exploitation of scientific research products

Procurement frameworks delivering services

- Favourable terms and conditions for researchers
- Storage and compute services, possibly others longer term
- Take-up stimulated by adoption funding

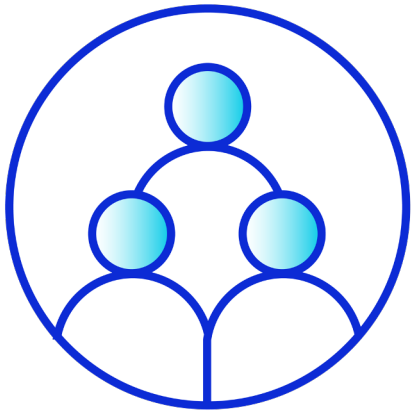
Digital Innovation Hub

- Leveraging EOSC services and data to enable innovation in industry
- Supplier to and user of EOSC to stimulate cross-fertilisation and digitisation of SMEs



EOSC Future Community

Ensuring a coherent approach to EOSC community engagement and development, and avoiding future duplication of effort



Identifies and documents the community-forming aspects of EOSC Future activities

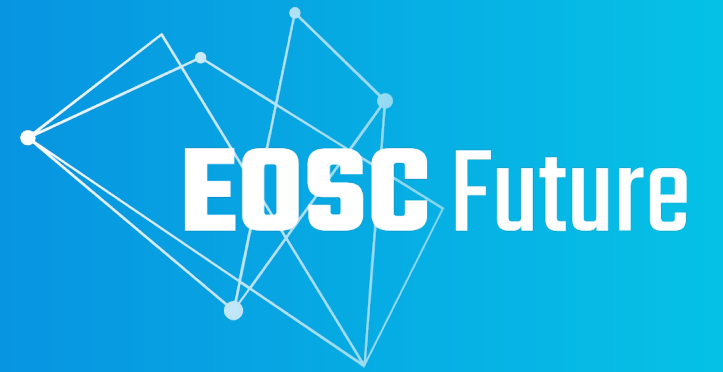
- Records value created and makes it available for future use by other projects, organisations or initiatives

Captures value of collaboration and community-building aspects

- Technical developments, consultations, forums, other project events and activities

Focus on community formation for development of the EOSC

- Highlights value generated by collaborations within EOSC Future



Thank you for your attention

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