

# EOSC Future

## Key Exploitable Results

11<sup>th</sup> 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

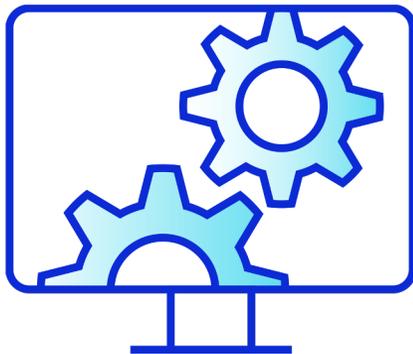


Note: KER logos are still “draft”!



# 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

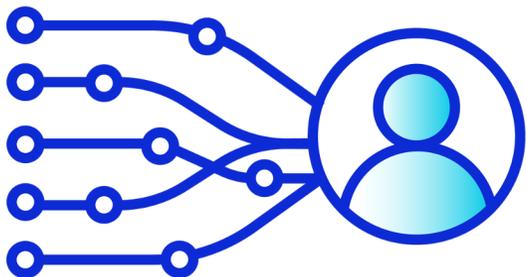
## Improves user experience

- 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

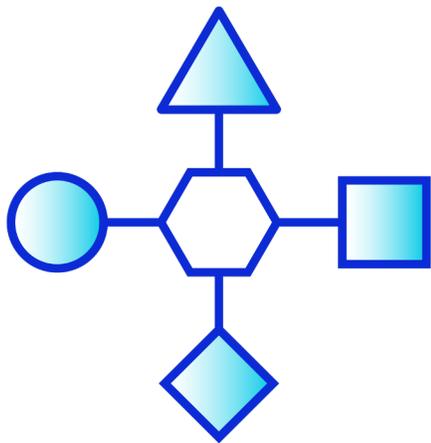
## Visualises information

- 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

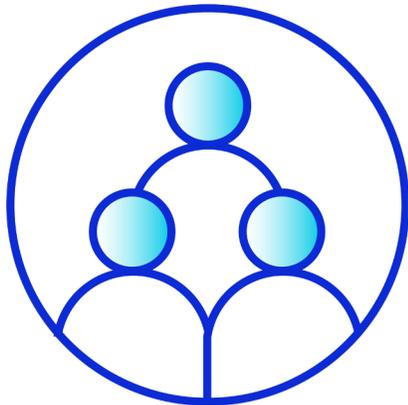
## Digital Innovation Hub

- 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

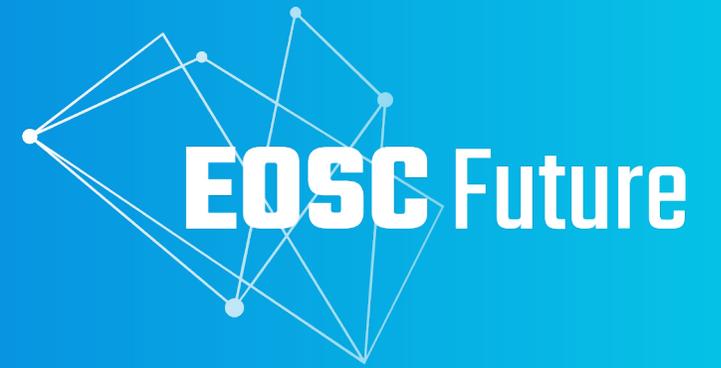
- Records value created and makes it available for future use by other projects, organisations or initiatives

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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