

2021 SEE USER FORUM

3-4 November 2021



EOSC to the users: EOSC Future

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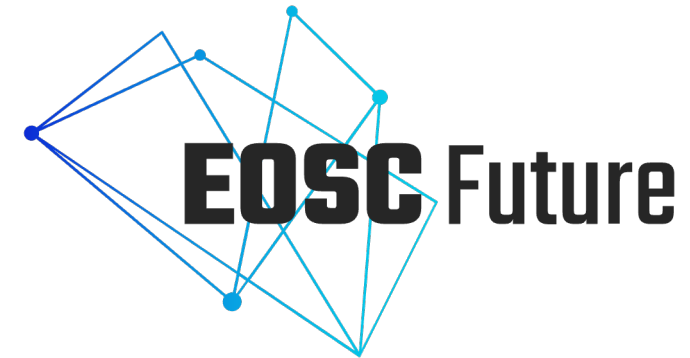
GRNET-National Infrastructures for Research and Technology



As part of the GÉANT 2020 Framework Partnership Agreement (FPA), the project receives funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 856726 (GN4-3).

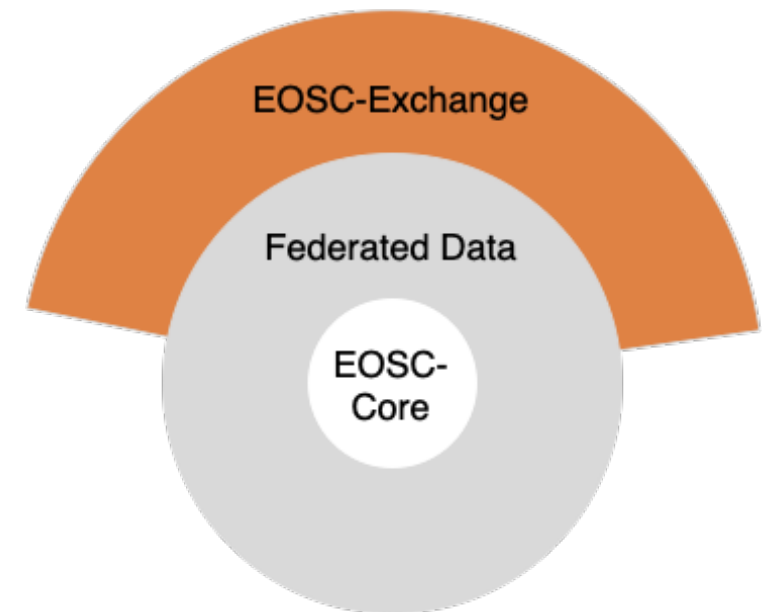


Project Website	https://eoscfuture.eu/
Start date	1/4/2021
Duration	30 months
Call identifier/Topic	INFRAEOSC-03-2020
Partners	35 beneficiaries representing over 85 organizations from all around Europe

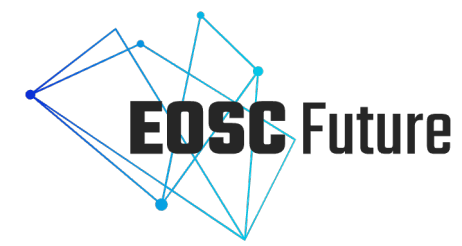
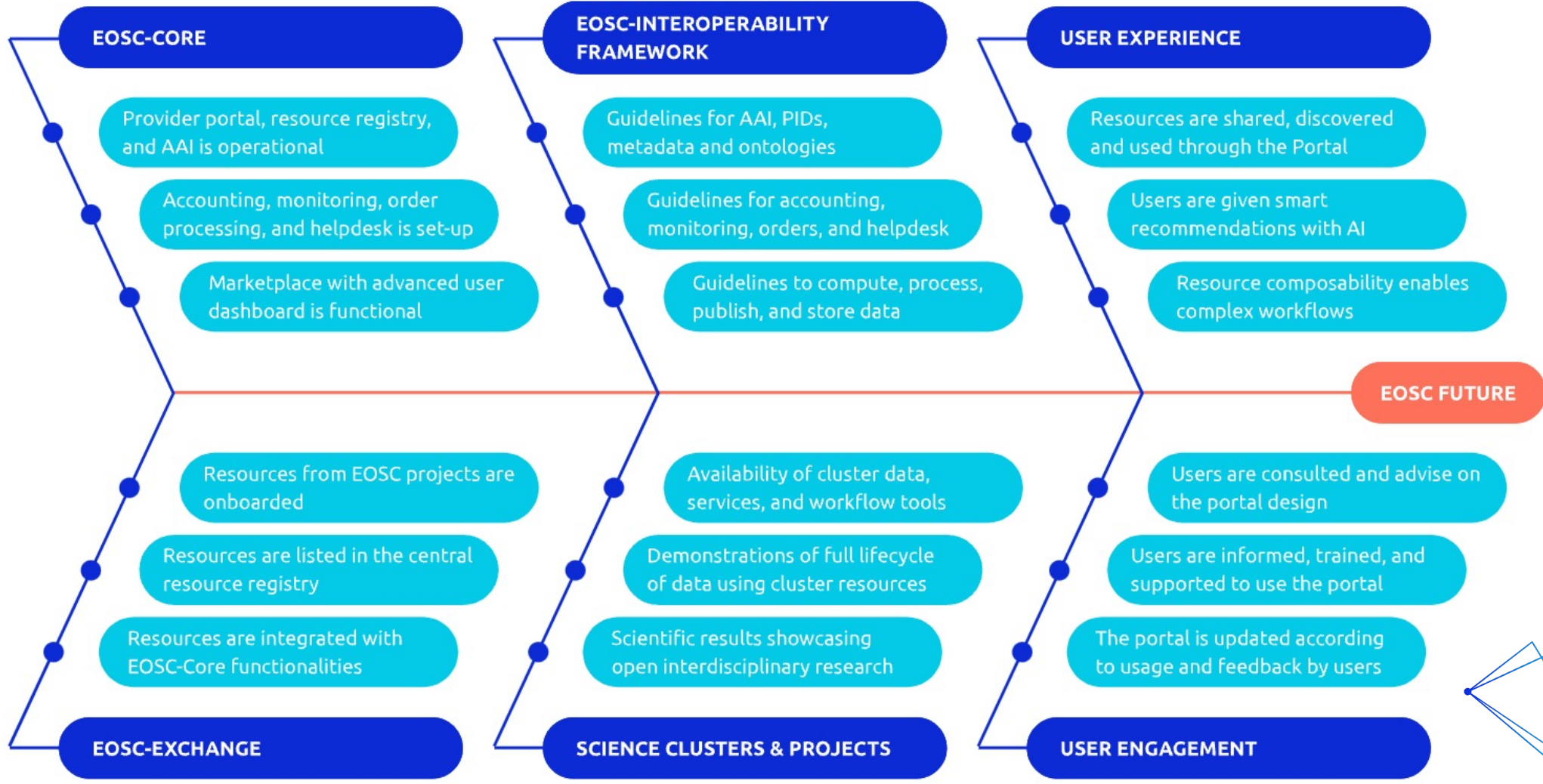


Integrate, consolidate, and connect e-infrastructures, research communities, and initiatives in Open Science to further develop the **EOSC Portal, **EOSC-Core** and **EOSC Exchange** of the EOSC**

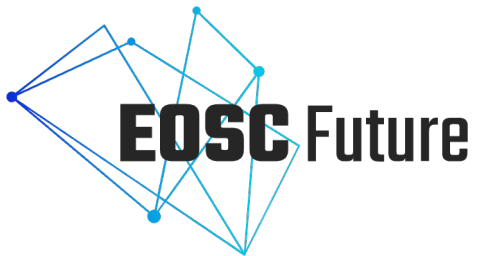
- **Realization of EOSC-Core and EOSC-Exchange** with interoperable data and resources
- **Integration** of data and resources from the **science cluster** communities into the EOSC Platform
- **Direct involvement of users** in the **co-design** and implementation of the EOSC Portal



EOSC Future's Roadmap



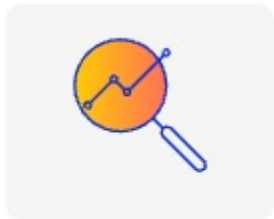
EOSC Future's Goals



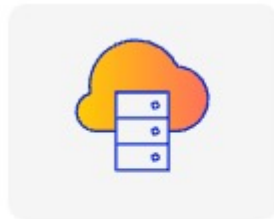
- Delivering and operating the EOSC-Core
- Expanding EOSC-Exchange
- Scaling up capabilities to deliver an EOSC Execution Framework
- Increasing European scientific impact
- Promote the participation of the commercial sector
- Support and train users and providers
- Engage with the EOSC communities and end users



EOSC Future will provide a user friendly environment for:



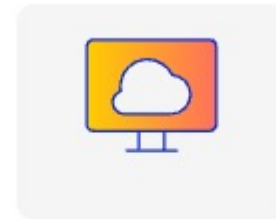
**DATA
DISCOVERY**



**DATA
STORAGE**



**DATA
RECOMPOSITION**



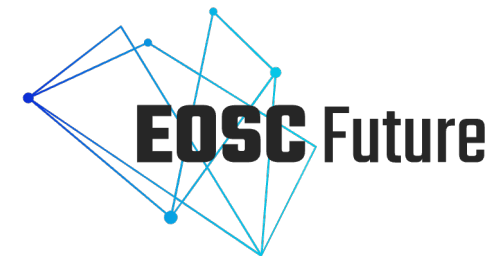
**COMPUTING
SERVICES**



**COMPLEX
WORKFLOWS**



**INTEGRABLE
SERVICES**



The result for the EU Research:



**MORE
INNOVATIVE**



**MORE
STREAMLINED**



**EASIER
TO REPRODUCE**



EOSC Future's Thematic Pillars



Policy & Strategy



Technology & Interoperability



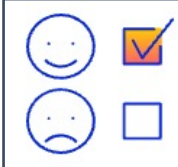
Excellence Science



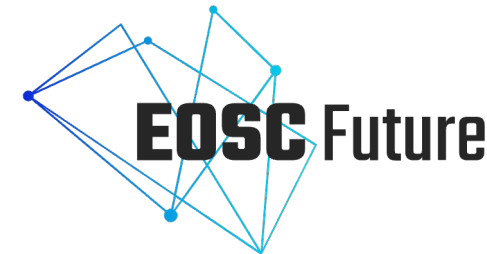
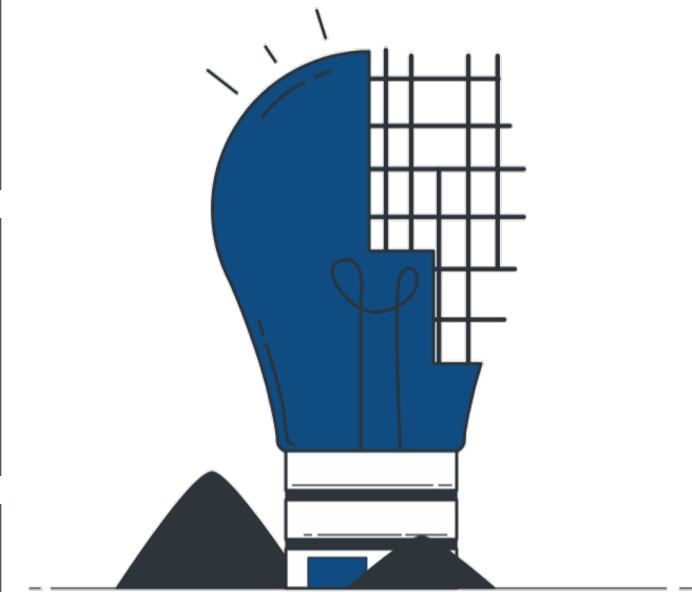
Co-Development & Procurement



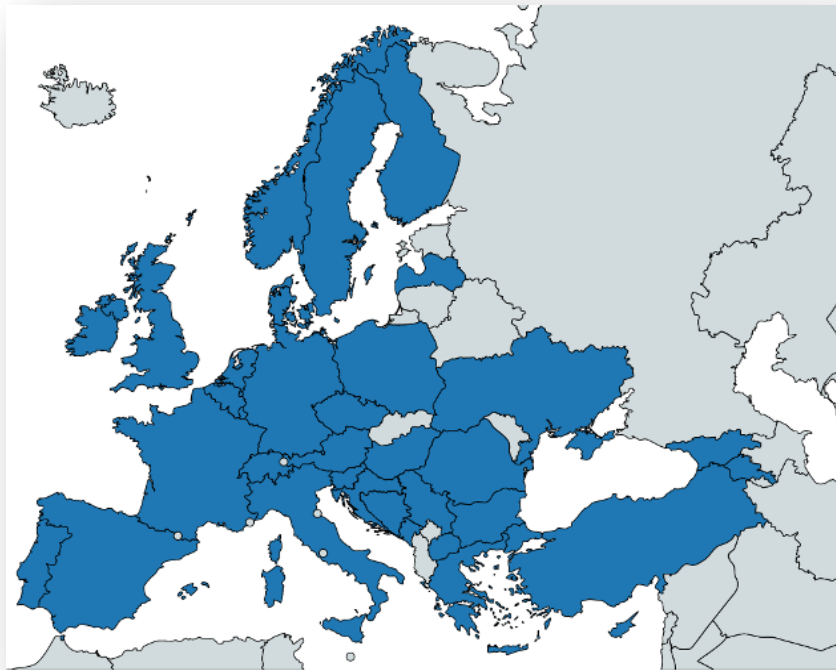
Skills and Training



User Engagement



EOSC Future User Group



Natural Sciences

Engineering

Medical and Health Sciences

Social sciences

Humanities

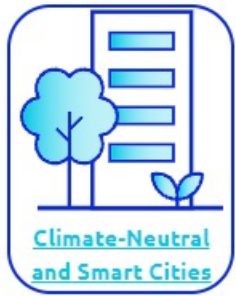
and many more...

- ✓ A team of “EOSC champions” from different scientific disciplines across the EU to help test and refine services and products.
- ✓ The User Group will rely on surveys, focus groups, or testbed sessions to validate project outputs.
- ✓ 300 applications from different science areas and broad coverage.

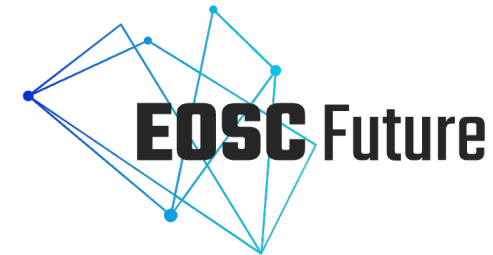
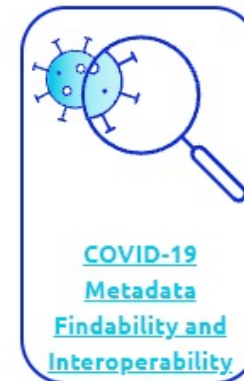
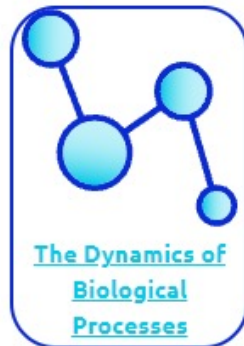
EOSC Future's Science Clusters



Climate change and the environment



Health

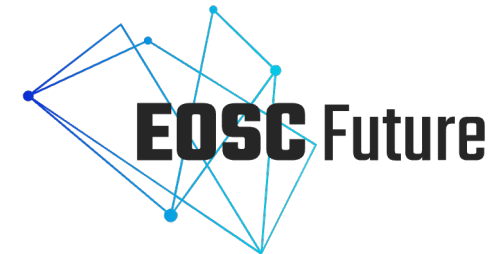




Understanding the universe



Access to data





EUROPEAN OPEN SCIENCE CLOUD

Find resource...

- ✓ All resources
- Access physical & infrastructures
- Aggregators & Integrators
- Processing & Analysis
- Security & Operations
- Sharing & Discovery
- Training & Support
- Other

Marketplace

Welcome to the EOSC Portal Catalogue and Marketplace

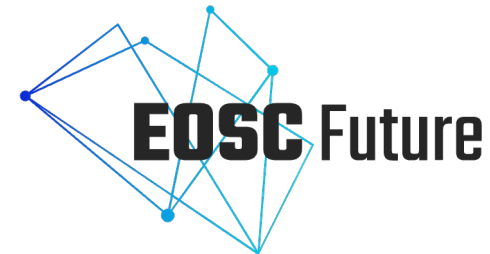
Integrated platform that allows easy access to lots of resources for various research domains along with integrated data analytics tools. Browse by scientific domain, resource category or provider and, if you need help, we are here for you!

Find EOSC Resources that suit your use case yourself
→ [Browse through catalogue](#)

Describe your use case and get support from our experts
→ [Go to your projects](#)

Scientific Domains Categories

- ✓ Catalogue to browse for data and services
- ✓ Can search by resource type to find relevant tools
- ✓ Filter by scientific domains
- ✓ Virtual Tour:
<https://marketplace.eosc-portal.eu/?tour=overview>



SEE on-boarding of EOSC services



Generic services
Thematic services
Repositories

Service
Description
Template

Pre-production
environment

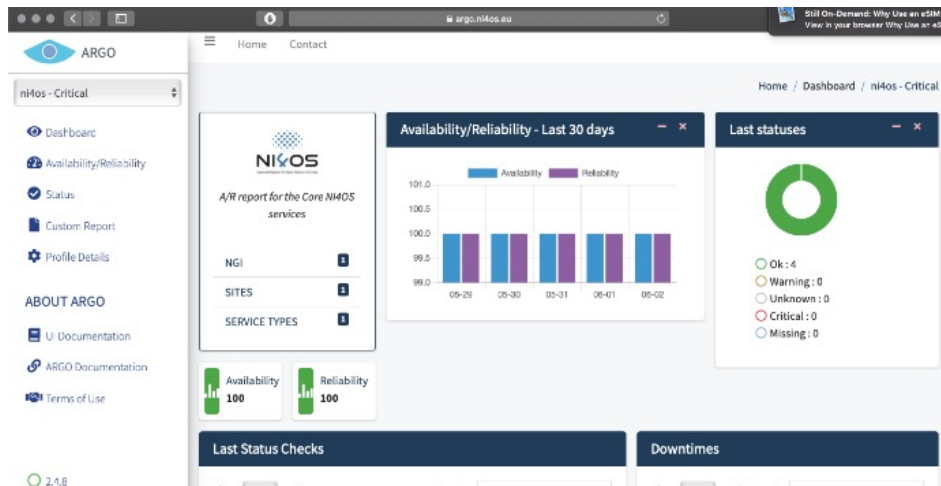
Pre-production
environment

EOSC catalogue

✓ NI4OS-Europe pre-production environment help service providers from the SEE area better integrate and on-board their services

✓ Fully on boarded **75** registered users, **32** resource providers, and **75** resources.

✓ Soon to run a pan-European **open call** to use and test the project solutions in the wider community.



Why Support EOSC?



Challenges

Knowledge exchange

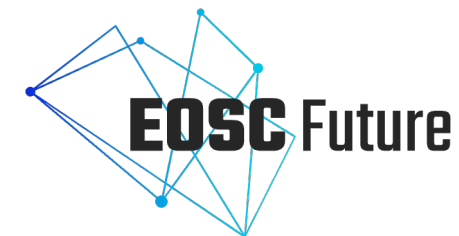
Digital service and data availability beyond geographical borders and scientific domains



**EUROPEAN OPEN
SCIENCE CLOUD**

EOSC

Provides a trusted, integrated environment with access to data and interoperable services → enabling scientists to access, store, manage, analyse, share and reuse research data across borders and scientific disciplines





Researchers

Widen the opportunities for collaboration and facilitate sharing and re-use research data-not only across research projects but also across sectors and countries

Allow researchers, with limited resources, to draw from this pool of data and services, compensate for national gaps, and develop their research

Policy

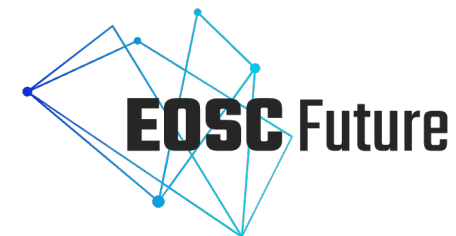
EOSC connects to stakeholders from other regions of Europe and thereby facilitates the sharing of knowledge and experiences

Countries that are already advanced in FAIR data and Open Science policies can share their best practices and lead in developing EOSC

Economic

The sharing of resources and services creates economies of scale.

Federating existing research services and data infrastructures, EOSC will leverage national and european investments



Thank you
Any questions?



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