



EOSC ecosystem and its sustainability

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EOSC Association Board of Directors

CERN

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eosc Three overarching SRIA objectives



Open Science practices and skills are rewarded and taught, becoming the 'new normal'

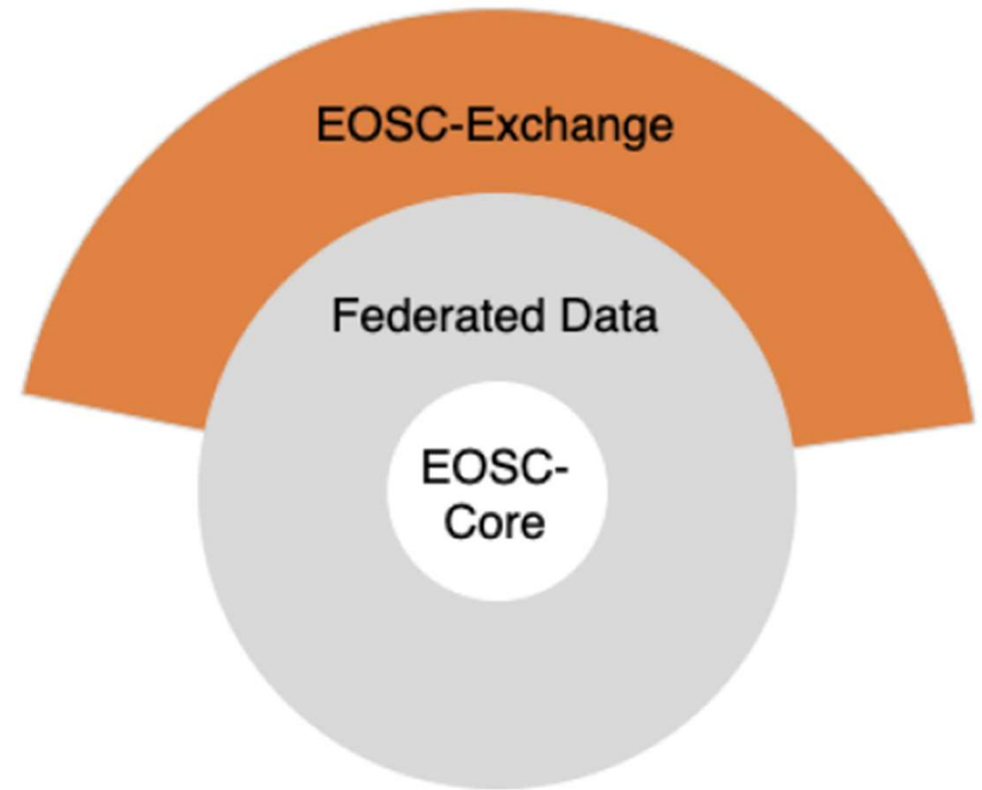
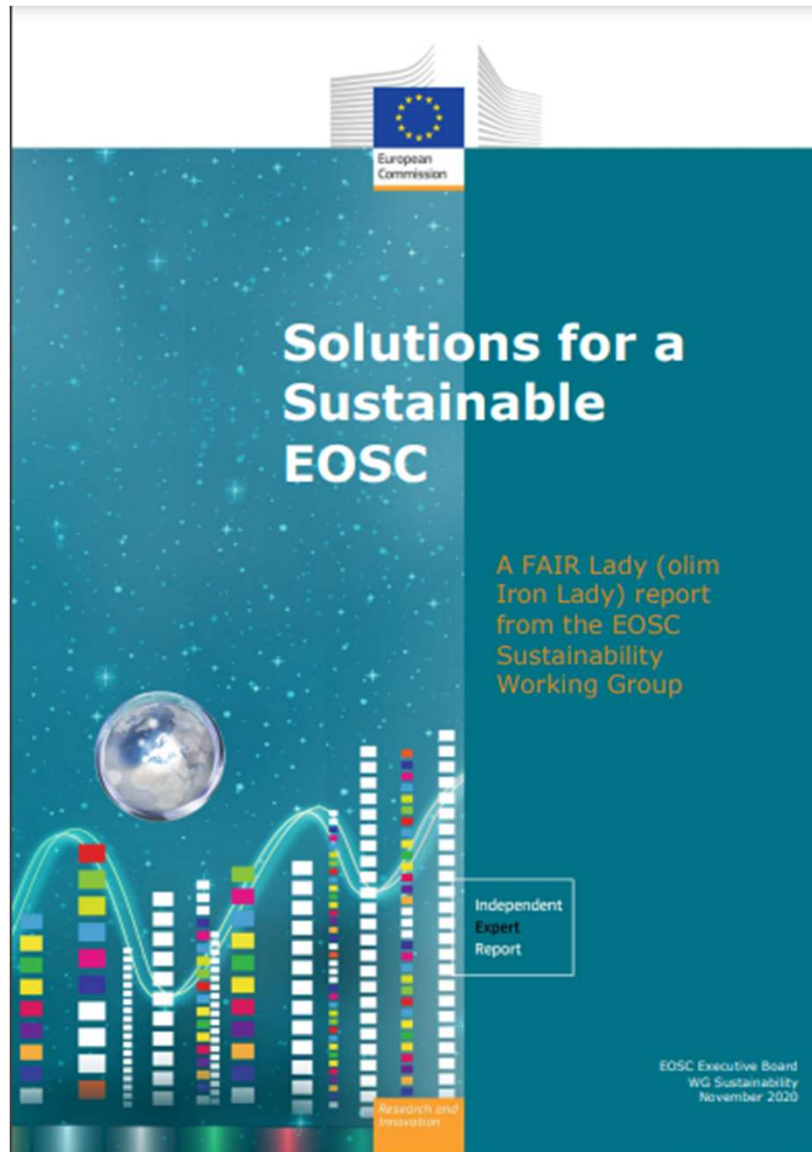
Standards, tools and services allow researchers to find, access, reuse and combine results

Sustainable and federated infrastructures enable open sharing of scientific results

Multi-annual roadmap sets priority activities and outcomes grouped by three implementation levels – European, National, Institutional

Three phases of MAR

- 2021-2022: development towards a functional federation of infrastructure
- **2023-2024: expansion to production that generates added value**
- 2025-2027: expansion to develop impact from Open Science



It recommends beginning with a first iteration to establish a Minimum Viable EOSC (MVE) addressing the needs of publicly funded researchers exploiting openly available data.

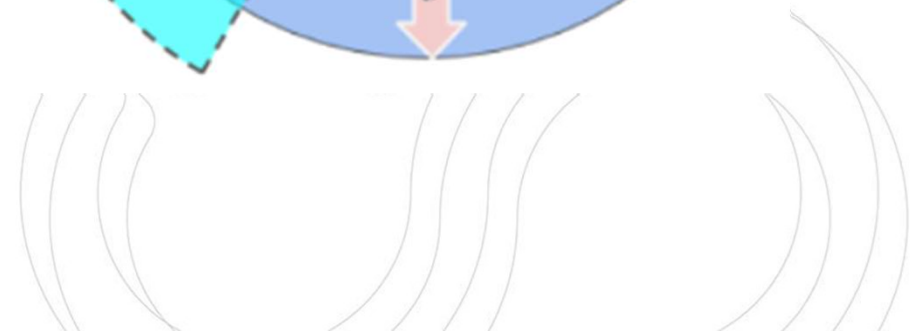
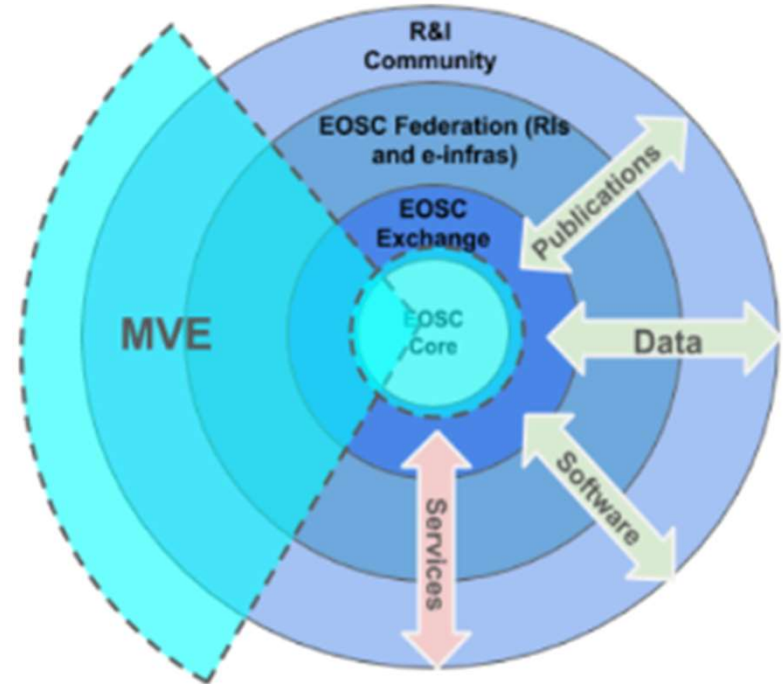


EOSC Architecture Working Group View on the Minimum Viable EOSC

Report from the EOSC Executive Board Working Group (WG) Architecture

Independent Expert Report

EOSC Executive Board
WG Architecture
February 2021



EOSC Future project launched in April 2021

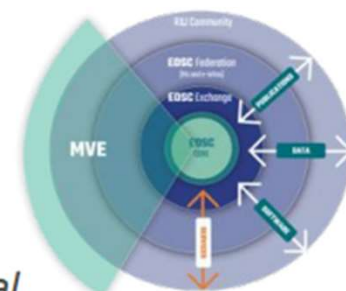


we will work with key stakeholders to ensure a smooth user experience, developing:

- **EOSC core**, the set of enabling services needed to operate the EOSC
- **EOSC exchange** registering resources and services from research infrastructures, other EOSC projects and [science clusters](#) to the EOSC and integrating them with the EOSC core functionalities
- the **EOSC interoperability framework** will provide guidelines for providers that want to integrate services or data into EOSC



EOSC Procurement Action



Factsheet

- **Funding programme:** Horizon Europe RI Work Programme 2021-22
- **Form of funding:** Procurement
- **Type of action:** Public procurement
- **Indicative timetable:** Fourth quarter of 2022
- **Indicative budget:** EUR 35.00 million
- **Indicative contract duration:** 36 months

Scope

This action should build and deploy a fully operational enabling infrastructure for EOSC, providing access to a rich portfolio of FAIR data and professional quality FAIR services in all relevant domains from data handling to computing, processing, analysis and storing.

May 4th, 2022

Prior Information Notice published in TED (Official Journal of the EU)
<https://ted.europa.eu/udl?uri=TED:NOTICE:234660-2022:TEXT:EN:HTML>

May 31st and June 9th 2022

European Commission organized two consecutive webinars for the European Open Science Cloud procurement's preliminary market consultation
<https://digital-strategy.ec.europa.eu/en/news/open-market-consultation-european-open-science-cloud-public-procurement-action>

August 5th, 2022

The stakeholders and open market consultation exercise was finalised.

Achievements and plans of the EOSC Steering Board

- EOSC Steering Board represents the interests and commitment of MS/AC
- Strong push to improve EOSC development through establishing necessary policies: providing the frame to build EOSC
- Commitment: EOSC is here to stay and the MS/AC are standing firmly behind it
- Main investment into EOSC will always come from national level and from the RPOs / RFOs engaged in EOSC — with the help of the EC for EOSC-relevant development



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EOSC Steering Board: the future



- Increased reproducibility of scientific results
- Increased trust in science
- Increased effectiveness in policy making and in research processes
- R&I results are taken up by society
- Investment into the web of FAIR research data and services is vital and going to continue inside and outside the EOSC
- Enabling EOSC at EU level needs development of EOSC structures at national level
- Main investment into EOSC will always come from national level and from the RPOs / RFOs engaged in EOSC — with the help of the EC for EOSC-relevant development
- MS/AC are highly committed to Open Science and to the EOSC
- **EOSC is here to stay — there's no turning back!**

RPO: Research Performing Organisation; RFO: Research Funding Organisation



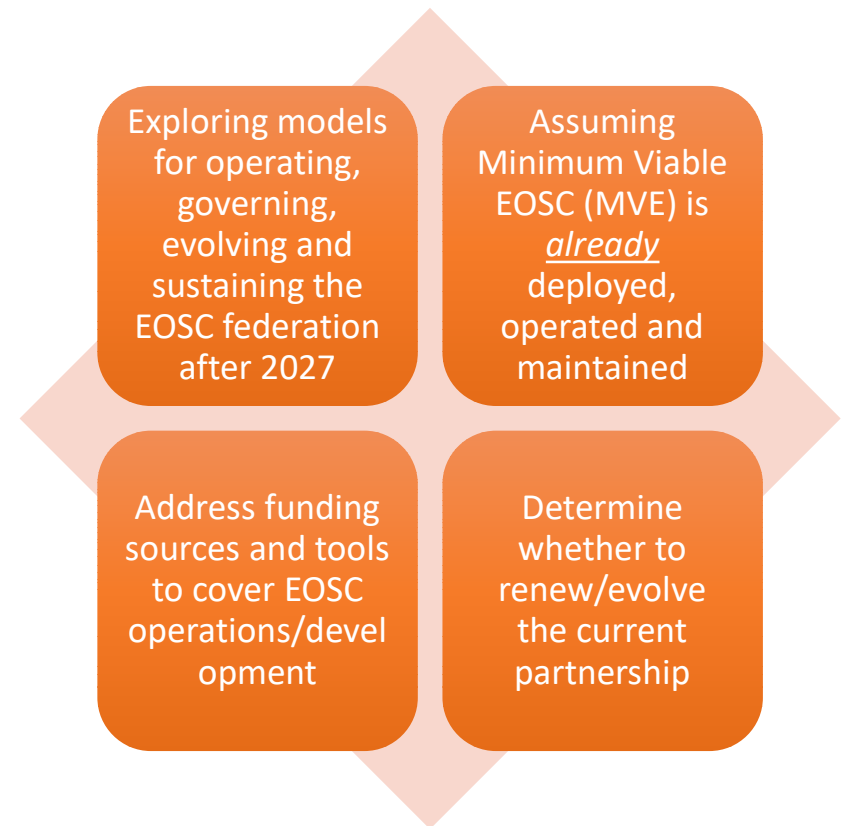
EOSC operations and evolution post-2027

Currently being discussed by the EOSC Tripartite Governance

- EC
- Member States via Steering Board
- EOSC Association

Needs to be agreed by 2025

- EOSC-A Financial Sustainability Task Force is working to develop models/recommendations and has produced a Progress Report





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