European Open Science Cloud (EOSC)

The European Open Science Cloud (EOSC) champions research data management to guarantee scientists’ access to data-driven science.

Supporting the EU’s policy of Open Science, the European Open Science Cloud (EOSC) aims to give the EU a global lead in research data management and ensure that European scientists enjoy the full benefits of data-driven science.

EOSC is also part of the European Data Strategy, aiming to make the EU a leader in a data-driven society. It will provide seamless access and reliable re-use of research data to European researchers, innovators, companies and citizens through a trusted and open distributed data environment and related services.

The priorities for building EOSC are set jointly by the European Commission and the EOSC Association through the co-programmed European Partnership (the EOSC Partnership) in the Strategic Research and Innovation Agenda (SRIA). Horizon Europe continues to support building EOSC on basis of the baseline that started in the Horizon 2020 programme.

The EOSC Portal provides a gateway to information and resources in EOSC. It is maintained by the EOSC Future that links together other research portals, resources and services to respond to the needs of a wide range of researchers. The service provision is strengthened by EGI-ACE, DICE, OpenAIRE Nexus, C-SCALE and Reliance.
EOSC core infrastructure through public procurement

To capitalise on the considerable research and innovation effort, fully operational enabling infrastructure for EOSC will be procured by the European Commission as part of the Horizon Europe, Research Infrastructures, Work Programme 2021-2022 provisions.

In particular, the procured EOSC infrastructure should:

- be robust, secure, scalable, flexible and user-centric;
- constantly be improved and upgraded following user feedback and the state-of-the-art of the underlying core technologies;
- offer high quality of service management compliant with industrial standards and
- provide a superior user experience, usability and ease of use for a very large number of users, with the functionalities available 24/7

The ESOC Procurement tender invites market players from industry and the research community to develop a set of innovative, modular, customisable and composable services for a wide variety of users from the research communities and beyond.

The Prior Information Notice (PIN) was published on TED (Tenders Electronic Daily).

The preliminary open market consultation was conducted through two consecutive webinars on Tuesday, 31 May 2022 and on Thursday, 9 June 2022. Here, you can find access to the webinar recordings and the summary of the input collected.

More information on the procurement action will be available through CNECT-EOSC-PROCUREMENT(at)ec.europa.eu, News & Views and TED.

Background

The Commission intends to unlock the reuse potential of different types of data and facilitate its free flow across borders to achieve a European digital single market, for the benefit of the economy and society.

EOSC is a fundamental enabler of open science and of the digital transformation of science. It offers the possibility to access and reuse all publicly funded research data in Europe, across scientific disciplines and countries. By federating existing research data infrastructures, EOSC leverages national investments and adds value in terms of scale, interdisciplinarity and faster innovation.

Factsheet: EOSC Procurement
EOSC procurement
Open Science
Strategic Research and Innovation Agenda (SRIA) of EOSC
EOSC policy background
EOSC portal
EOSC association
Follow the latest progress and learn more about getting involved.
Follow the Commission's work on tech and digital @DigitalEU

**Latest news**

**NEWS ARTICLE | 27 July 2022**
Extended deadline of Open Market Consultation for the European Open Science Cloud Public Procurement Action

Opportunity to participate in the preliminary market consultation on the European Open Science Cloud (EOSC) Public Procurement Action extended to 5 August.

**NEWS ARTICLE | 24 June 2022**
The Commission has launched a preliminary market consultation on the upcoming European Open Science Cloud (EOSC) Public Procurement Action.

FACTSHEET / INFOGRAPHIC | 12 May 2022
European Open Science Cloud (EOSC) - factsheet on procurement

This factsheet provides background information on EOSC's Public Procurement Action 2022.

EVENT | 09 June 2022
Open Market Consultation for the European Open Science Cloud Public Procurement Action

The European Commission organizes two consecutive webinars for the upcoming European Open Science Cloud procurement's preliminary market consultation.

Browse European Open Science Cloud
Digital public services and environments

The Commission is using digital technologies to improve public services and develop smart cities.

See Also

Procurement of ICT innovation
The European Commission supports innovation procurement as a tool to deliver solutions to economic and societal challenges.

Smart Cities and Communities

The European Commission is working with smart cities and communities in order to address local challenges, deliver better services to citizens and reach the European Green Deal objectives.

Trust Services

The EU has introduced rules to strengthen trust services and ensure our online activity is secure across the EU.

Electronic Identification

Electronic identification (eID) is one of the tools to ensure secure access to online services and to carry out electronic transactions in a safer way.

eGovernment and digital public services

The European Commission is taking concrete actions to develop cross-border digital public services.

eHealth

The European Commission is working to provide citizens with access to safe and top quality digital services in health and care.

Source URL: https://digital-strategy.ec.europa.eu/policies/open-science-cloud