EUROPEAN OPEN SCIENCE CLOUD

eosc-portal.eu

The EOSC SIP at a glance

The EOSC Strategic Implementation Plan (SIP) has been written by the EOSC Executive Board, a body of representatives from the research and e-infrastructures communities, appointed by the European Commission for a period of 24 months. The plan presents practical activities that will contribute to the implementation of the EOSC in 2019-2020.

DOWNLOAD FULL PDF

What is the EOSC?

A trusted and open virtual environment for the scientific community with seamless access to services addressing the whole research data life cycle.

EOSC features

A VIRTUAL COMMONS FOR SCIENCE

- Bringing science producers and science consumers together;
- Federation of existing infrastructures augmented by new services to add value;
- Revolutionising the way we do research and how scientific knowledge is created in all disciplines, in all geographies.

COMMON VALUES

- Focused on research needs;
- Community driven;
- Inclusive and respectful of diversity;
- Accessible to all from large equipment, large computers & 'big data' to 'small data' & long-tail research;
- Open by default - closed where necessary;
- Hands-on and participatory;
- Transparent and trustworthy.

EOSC leverages existing infrastructures and investment

€10 billion
annual investment by Member States

20 years
of European Union investment

Potential users

1.7M
European Researchers

70M
Professionals in Science

8 dedicated European Commission Horizon 2020 Work Programme calls to prototype the EOSC in 2019-2020

- **2016** — European Commission proposal on EOSC
- **2016-2017** — Consultation with scientific and institutional stakeholders
- **June 2017** — First EOSC Summit and EOSC Declaration
- **March 2018** — Implementation Roadmap for the EOSC
- **May 2018** — Council Conclusions on the EOSC adopted
- **Nov 2018** — EOSC official launch
- **2019** — Governance Board, Executive Board and Working Groups start their activities
- **June 2019** — Release of the EOSC SIP
- **Dec 2020** — Minimal viable platform for early adopters

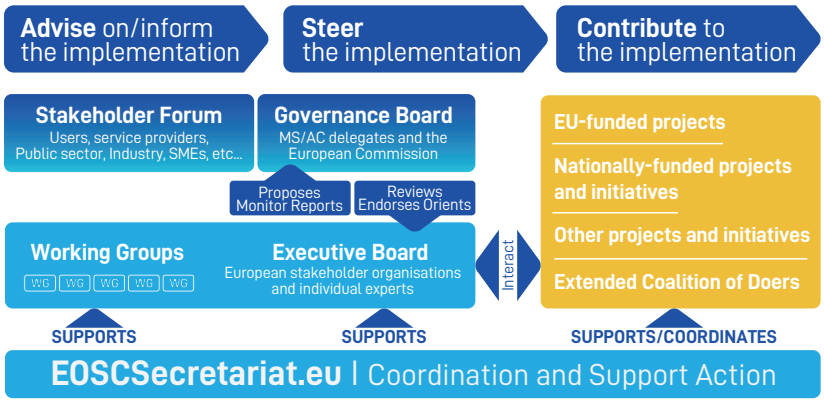
EOSCsecretariat.eu has received funding from the European Union's Horizon Programme call H2020-INFRAEOSC-05-2018-2019, Grant Agreement number 831644.

EUROPEAN OPEN SCIENCE CLOUD

eosc-portal.eu

The EOSC Governance 2019-2020

Engagement, collaboration and dialogue with European and national stakeholders



5 Working Groups addressing strategic priorities for EOSC

Landscape
Maps the existing research infrastructures which are candidates to be part of the EOSC federation.

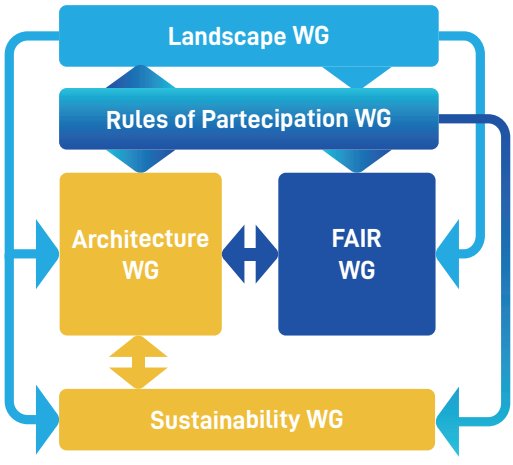
FAIR
Implements the FAIR data principles by defining the corresponding requirements for the development of EOSC services, in order to foster cross-disciplinary interoperability.

Architecture
Defines the technical framework required to enable and sustain an evolving EOSC federation of systems.

Rules of Participation (RoP)
Designs the Rules of Participation that shall define the rights, obligations governing EOSC transactions between EOSC users, providers and operators.

Sustainability
Provides a set of recommendations concerning the implementation of an operational, scalable and sustainable EOSC federation after 2020.

+120 Working Group members



8 Key WG outputs by end of 2020

- **Agreed and tested Rules of Participation** (RoP WG)
- **Analysis of the existing national infrastructures, activities and initiatives, funding models and national strategies and policies.** (Landscape & Sustainability WGs)
- **A legal entity and post 2020 governance structure** (Landscape & Sustainability WGs)
- **Operational federated core and initial services** (Architecture WG)
- **Catalogues of EOSC data and services** (Architecture WG)
- **EOSC Interoperability Framework** (FAIR, Architecture and RoP WGs)
- **Persistent Identifier policy** (FAIR and Architecture WGs)
- **Metrics for FAIR data and repository certification** (FAIR WG)

THE EB WORKING GROUP WORKPLAN

WG OVERVIEWS AND MEMBERS

Contribute to the development of EOSC through the multiple opportunities available

Visit eoscsecretariat.eu to find out more