# Brief update on current EOSC developments
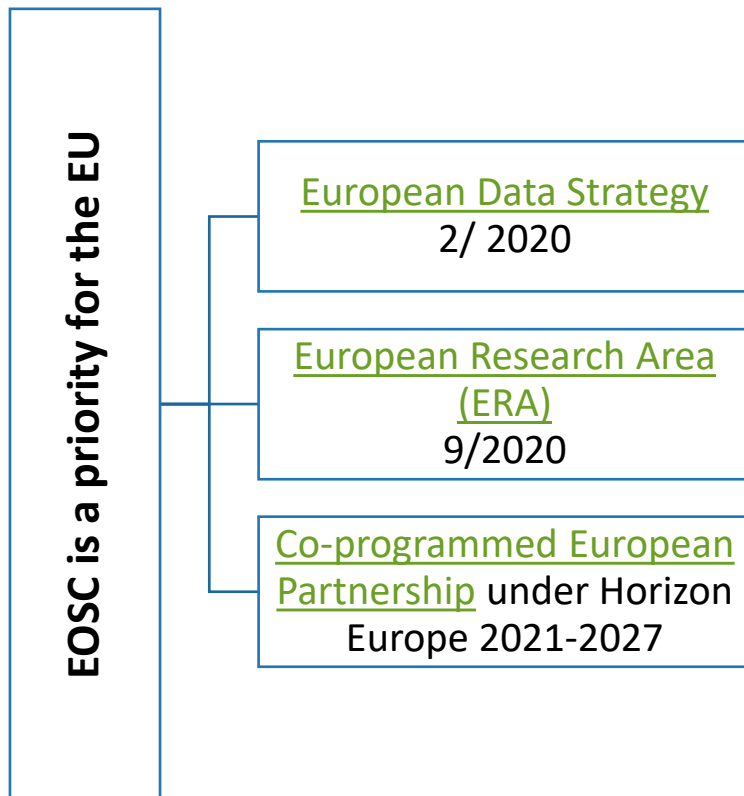


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# EOSC

EOSC took shape in 2015 to federate existing research data infrastructures to support and develop open science and open innovation.

**EOSC is a priority for the EU**

- European Data Strategy
  2/ 2020
- European Research Area (ERA)
  9/2020
- Co-programmed European Partnership under Horizon Europe 2021-2027
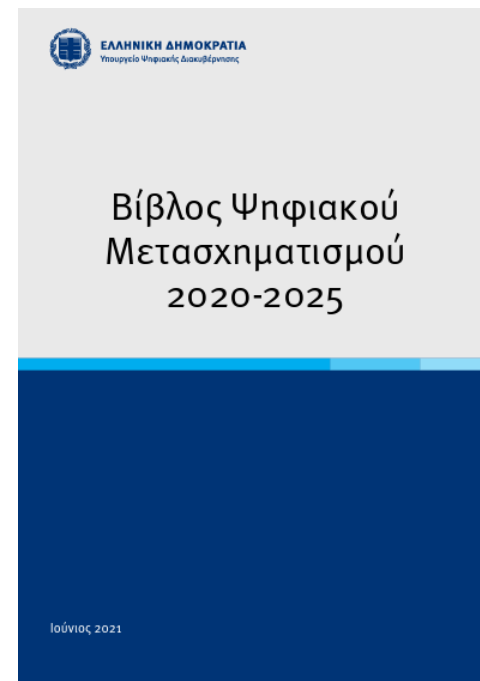
## European Data Strategy

- by 2025 deploy EOSC operations to serve EU researchers.
- from 2024 open up, connect and articulate EOSC beyond the research communities, with the wider public sector and the private sector.

## European Research Area

- One of the 14 actions introduced in the ERA Communication consists of ensuring an EOSC that is offering a web of FAIR data and related services.

# EOSC

## Bible for Digital Transformation

- Ministry of Digital Governance
- Latest policy document in Greece, takes into account all the elements to advance the national Open Science Cloud ecosystem and engage with the EOSC.
- Strengthening the national electronic infrastructures and digital research services, to interconnecting them with the European Open Science Cloud infrastructures.
- Open Access for scientific publications, research data and software
- Empower the Greek R&D community with the necessary qualifications, digital skills, incentives and reward mechanisms for the adoption of Open Science at national level.
- It was a success of the Greek Task Force on Open Science that produced the National Plan of Open Science in Greece and was supported by NI4OS-Europe.

**ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ**
Υπουργείο Ψηφιακής Διακυβέρνησης

Βίβλος Ψηφιακού Μετασχηματισμού 2020-2025

Ιούνιος 2021

https://digitalstrategy.gov.gr/

Εθνικό Σχέδιο
για την
Ανοικτή Επιστήμη

Ομάδα Εργασίας για την Ανοικτή Επιστήμη
Ιούνιος 2020

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## Interim EOSC Governance 2019-2020

### Governing bodies

**EOSC Governance Board**

- representatives from EU countries, countries associated with Horizon 2020 and the Commission
- ensures effective supervision of the EOSC implementation.

**EOSC Executive Board**

- representatives from the research and e-infrastructures communities.
- ensures the implementation and accountability.

**EOSC Stakeholder Forum**

- organised by the EOSCsecretariat is formed by representatives from a wider range of actors, tasked to provide input and recommendations through events and online consultation mechanisms.

### Working Groups

| Landscape | FAIR |
| --- | --- |
| Architecture | Rules of participation |
| Skills and Training | Sustainability |

# EOSC Governance

## Current EOSC Governance 2021 and beyond

**Governance of the Partnership**



### EOSC Association

- Established in July 2020 as a not-for-profit international association
- Crucial role in gathering EOSC stakeholders
- Aims to serve the EOSC community, promote EOSC, and enable EU Open Science
- SRIA sets out the elements needed to implement the EOSC Partnership
- The EOSC Partnership aims to create a growing ecosystem, bringing together relevant European initiatives around the FAIR data economy
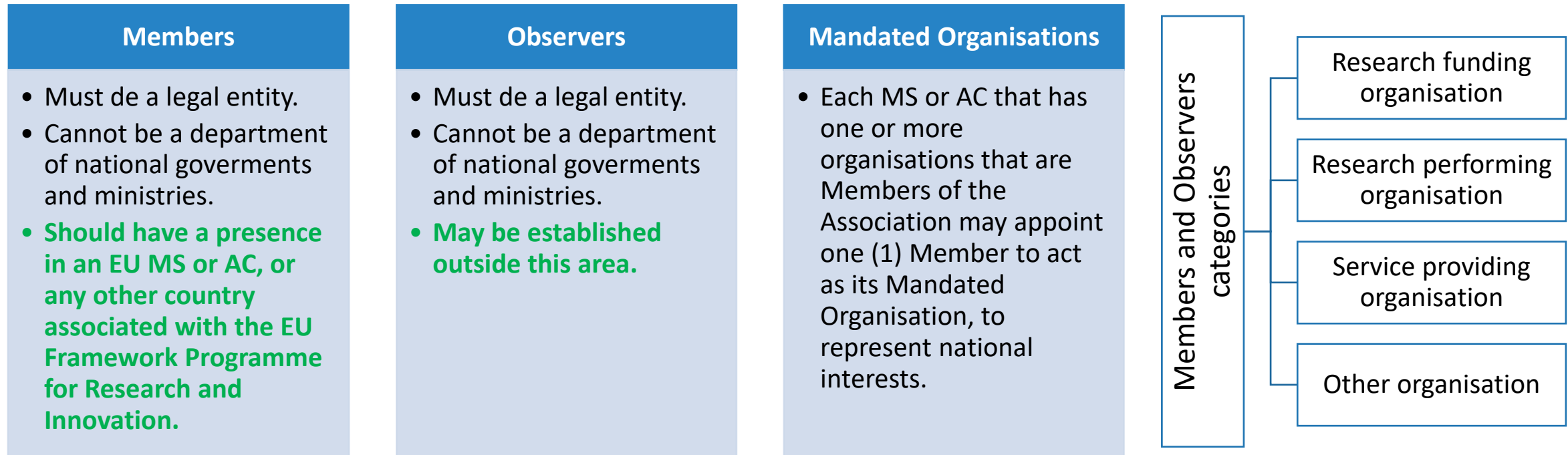- Official webpage: https://www.eosc.eu/

| General Assembly (GA) | Board of Directors | Secretary General | Advisory Groups |
|---|---|---|---|
| • Is the supreme authority of the Association. | • The President is the Chair of the Board.<br>• The Board is appointed by Delegates of the GA | • The Secretary General is entrusted with the day-to-day management of the Association, leads the Secretariat. | • Working groups and task forces to address issues or concerns relating to the mission and operations of the Association. |

# EOSC Governance

## Current EOSC Governance 2021 and beyond

✓ Membership Categories

| Members | Observers | Mandated Organisations |
|---|---|---|
| • Must de a legal entity.<br>• Cannot be a department of national goverments and ministries.<br>• **Should have a presence in an EU MS or AC, or any other country associated with the EU Framework Programme for Research and Innovation.** | • Must de a legal entity.<br>• Cannot be a department of national goverments and ministries.<br>• **May be established outside this area.** | • Each MS or AC that has one or more organisations that are Members of the Association may appoint one (1) Member to act as its Mandated Organisation, to represent national interests. |

Members and Observers categories
- Research funding organisation
- Research performing organisation
- Service providing organisation
- Other organisation

EOSC Association is counting more than 230 members so far. Info for joining here

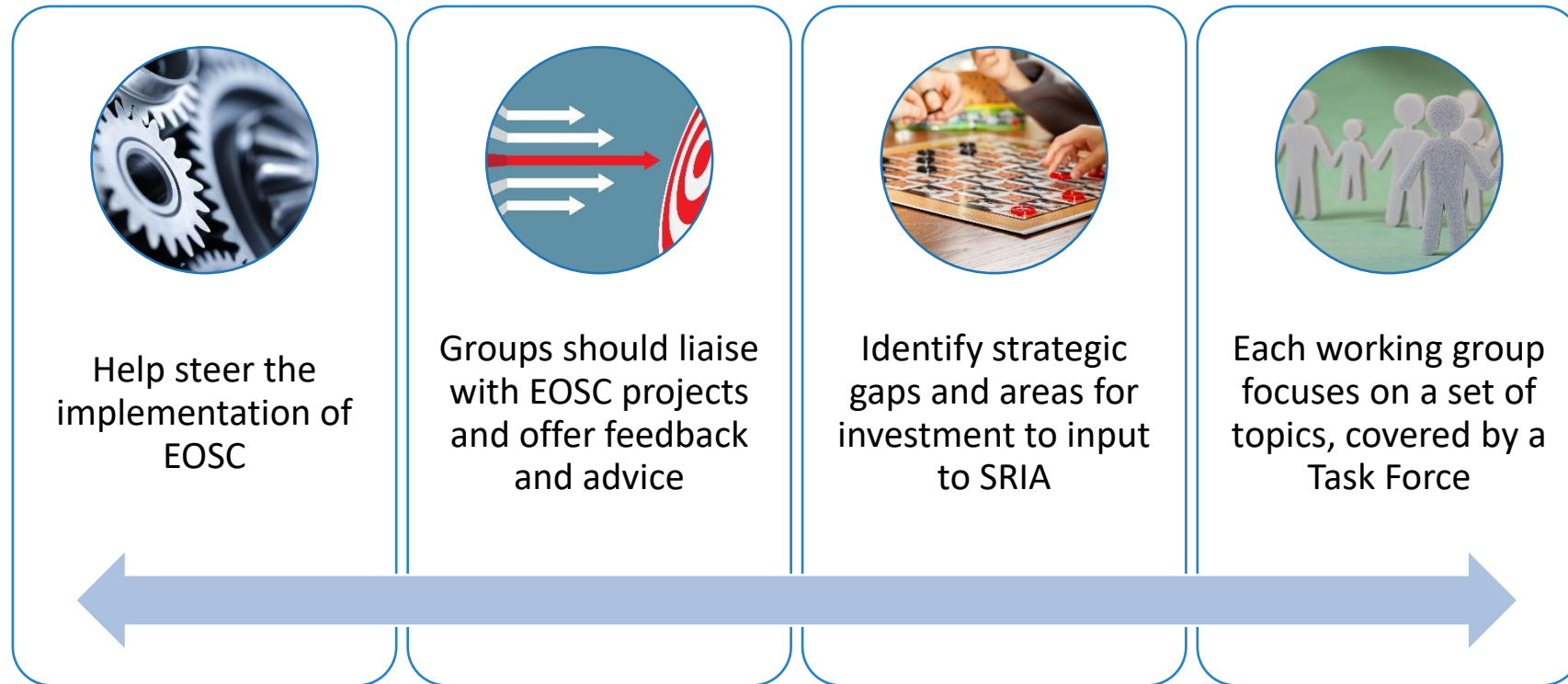# Advisory Groups

## Current EOSC Governance 2021 and beyond

| **Implementation of EOSC** | **Metadata and data quality** | **Research careers and curricula** | **Technical challenges on EOSC** | **Sustaining EOSC** |
|---|---|---|---|---|
| • PID policy and implementation (charter)<br>• Researcher engagement and adoption (charter)<br>• Rules of Participation (RoP) compliance monitoring (charter) | • FAIR metrics and data quality (charter)<br>• Semantic interoperability (charter) | • Data stewardship curricula and career paths (charter)<br>• Research careers, recognition and credit (charter)<br>• Upskilling countries to engage in EOSC (charter) | • AI Architecture (charter)<br>• Infrastructure for quality research software (charter)<br>• Technical interoperability of data and services (charter) | • Defining funding models for EOSC (charter)<br>• Long-term data preservation (charter) |

TF draft charters on the links
TF kick-off meetings during October 2021

# Advisory Groups

## Current EOSC Governance 2021 and beyond



Help steer the implementation of EOSC

Groups should liaise with EOSC projects and offer feedback and advice

Identify strategic gaps and areas for investment to input to SRIA

Each working group focuses on a set of topics, covered by a Task Force

EOSC Association Stakeholder Registry: https://www.eosc.eu/eosc-association-stakeholder-registry

# NI4OS-Europe support to EOSC governance

| | |
|---|---|
| **EOSC core documentation** | NI4OS-Europe supported the members of the EOSC Governance Board (GB), Executive Board (EB), EOSC working groups and individual partners and provided input for several EOSC core documents such as for the FAIR Lady (olim Iron Lady) report, the Strategic Research and Innovation Agenda (SRIA) and the EOSC partnership proposal. |
| **Participation in the EOSC Task Forces** | NI4OS-Europe representatives participated actively at the Landscape, Architecture, Skills & Training and Sustainability Working Groups and at the Landscape, Service on Boarding (chair), National Policies (chair), FAIR data and Infrastructures, Dissemination & Events, Training and skills Task Forces and now participate to the newly created Advisory Groups. |
| | NI4OS-Europe supported the development of numerous reports and participated directly to the EOSC Working Groups and now participates to the EOSC Advisory Groups. |
| **Support to the Establishment of the EOSC Association** | NI4OS-Europe members were taking part in the development and drafting of the EOSC Association Statutes. After the signature of the Statutes, NI4OS-Europe representatives participated officially to the EOSC Association Bylaws Working Group (WG). |

D2.3 NI4OS-Europe Intermediate report on liaison activities

# NI4OS-Europe support to EOSC governance

**NOSCIs**

Spreading **awareness and communicating EOSC developments** to all national Stakeholders.

**Coordinating national activities** that enable interconnection with EOSC Ecosystem.

Organising the community and undertaking preparatory activities for **harmonising national participation into the EOSC Association**.

**Have the possibility to act** as Mandated Organisations of the EOSC Association.

D2.2 National OSC initiatives model

Indicators for the NOSCIs establishment

Workflows for setting up NOSCI

# EOSC Benefits

| | |
|---|---|
| **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 |

Incentives & Rewards for supporting Open Research Data Management and FAIR

How to support EOSC – Incentives List

# Thank you

Any Questions?



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