EOSCPilot’s vision on EOSC governance

- Capable of supporting the definition, management and coordination of EOSC components and service providers without imposing a strict hierarchical model or supply chain.

- Define organisational, operational and managerial interoperability, whilst recognising the System-of-Systems will evolve and adapt over time.

- A rich ecosystem consisting of many different stakeholders and a heterogeneity of services and technologies which will need to operate across a wide range of organisational, community and national borders.

- Same principles of openness, transparency and inclusion that EOSC seeks to encourage amongst the research community.

http://eoscpilot.eu/content/d22-draft-governance-framework-european-open-science-cloud
Consultation feedback

Federated governance framework for the EOSC

- Governance as simple and flexible as possible, no need to create new legal structure, leverage on what is already existing
- Layered governance framework, importance of interoperability between layers
- Stakeholders have different roles and their participation may serve different purposes in EOSC
- Apply European Interoperability Framework and Digital Governance Ecosystem of Internet
- Importance of MS and Associated Countries in the governance and decision making
- Involve all stakeholders in the governance, including researchers and citizens
- Unclear relation between the governance model described in the EOSC declaration and governance framework draft by EOSCpilot

Items for the framework draft

- European Interoperability Framework one of the founding elements of the governance framework.
- Three options for the EOSC Core Resources Delivery Model; one of which does not foresee any new legal structure or organization.
- Governance model described in the EOSC declaration included in the governance framework draft, the relation between the two explained.
- Community governance model applied in the framework ensuring stakeholder driven

Consultation feedback
## Stakeholder Roles

<table>
<thead>
<tr>
<th>CONSUMER</th>
<th>PROVIDER</th>
<th>DECISION-MAKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Will make use of services, data, or other resources from EOSC</strong></td>
<td><strong>Provides services, data or other resources (e.g. training) into EOSC</strong></td>
<td><strong>Will be involved in the strategic direction, compliance and funding of EOSC</strong></td>
</tr>
<tr>
<td>Learned Societies, Research Communities, Scientific and Professional Associations Research Infrastructures Research Producing Organisation e-Infrastructures, VRE, and Other H2020 Projects</td>
<td>e-Infrastructures, VRE, and Other H2020 Projects Service Providers Enterprise Academic Institutions and Research Libraries Research Infrastructures</td>
<td>National, Regional or Local Government Agencies Research Funding Bodies</td>
</tr>
</tbody>
</table>
Community Governance Models

1 Community Problems Solving:
Aligns “Engaging Citizens” and “Getting Things Done.”

2 Organizations Managing for Results:
Aligns “Measuring Results” and “Getting Things Done.”

3 Citizens Reaching for Results:
Aligns “Engaging Citizens” and “Measuring Results.”

4 Communities Governing for Results:
Aligns all three core skills.

1. **Institutional**, including EU Member States and European Commission

2. **Executive/Operational**, including a governance board at the executive level and relevant working committees (e.g. thematic and functional)

3. **Advisory**, including a stakeholder forum

---

**Measuring Results** (+ identifying)

**Getting things done**

**Engaging community**
Community Governance Model for EOSC

Steering EOSC Stakeholders (Providers, Consumers, Intermediaries)

Executive

Performance Against Needs

EOSC Resources

Objectives Metrics

Requirements Best Practices

Strategic

The European Open Science Cloud for Research pilot project is funded by the European Commission, DG Research & Innovation under contract no. 739563
**EOSC resources** = technical, middleware, knowledge, access and facilitation services

**Compliant**
Most of the resources within EOSC fully compliant with the Principles of Engagement (PoE)

**Compatible**
Not fully compliant (yet), technically compatible with the EOSC, of value to EOSC Consumers

**External**
Resources outside of EOSC, of value to EOSC consumers, may or not be technically compatible with EOSC resources, “non-EOSC approved players are free to explore any role in the Open Science ecosystem they wish, even if they do not adhere to the PoE”

Interactive Session - 13:30 Principles of engagement in the EOSC – Plenary Room
EOSC Governance Decision Flow Model

Scientific Case Requirements & Proposals
Technology Requirements & Proposals
Policy\Principles of Engagement Requirements & Proposals

Steering
Stakeholder Forum
Consumer Forums
Research Communities
Research Producing Organisations
Intermediaries
ESFRI
E-Infrastructures
Public sector services
Enterprise services
Technology providers
Provider Forums

EOSC
Compliant
EOSC Core Resources
Compatible
External
EOSC Supported Resources
Externally Supported Resources

Executive
Executive\Governance Board

Performance and Impact

Strategic
National Institutional Forum
External Funders Forums

Provides Solutions
Subsidises Incentivises Compensates
Objectives Metrics
Report against Objectives Metrics
The European Open Science Cloud for Research pilot project is funded by the European Commission, DG Research & Innovation under contract no. 739563
Interactive Session - 11:00 Sustainability of the EOSC – Room 213/215
EOSC Governance Decision Flow Model

Scientific Case Requirements & Proposals
Technology Requirements & Proposals
Policy\Principles of Engagement Requirements & Proposals

Executive

Steering

Stakeholder Forum

Consumer Forums

Research Communities
Research Producing Organisations

Intermediaries
ESFRI
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Public sector services
Enterprise services
Technology providers

Provider Forums

EOSC

Compliant
EOSC Core Resources

Externally Supported Resources

External

Compatible

Strategic

National Institutional Forum
External Funders Forums

Executive\Governance Board

Objectives Metrics
Report against Objectives Metrics
Subsidises Incentivises Compenses

Performance and Impact

Provides Solutions
European Interoperability Framework

(NIF) National Interoperability Framework
Member State 1

(EIF) European Interoperability Framework

(DIFs) Domain Interoperability Frameworks

(NIF) National Interoperability Framework
Member State 2
Interoperability Domains of Domains

Scientific Community 1
Data Interoperability Principles

EOSC Data Interoperability Principles

Scientific Community 2
Data Interoperability Principles

Scientific Community 3
Data Interoperability Principles

Country 1 National Technical Interoperability Principle for National providers

EOSC Technical Interoperability Principles

Country 3 National Technical Interoperability Principles for National providers

Country 2 National Technical Interoperability Principles for National providers

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Interoperability Contexts

- Legal Interoperability
- Organisational Interoperability
- Semantic Interoperability
- Technical Interoperability
- Integrated Public Service Governance
Stakeholder Forums Strawman

Steering

Stakeholder Forum

Consumer Forums
- Research Communities
- Research Producing Organisations
- ESFRI
- E-Infrastructures

Provider Forums
- Public sector services
- Enterprise services
- Technology providers

Oversight Board

Thematic Area Committees

Working Groups

Birds of a Feather Groups (BOFs)

Interactive Session - 13:30 Shape the advisory stakeholder forum – Room 213/215
Co-design the Stakeholder Forums with stakeholders
- 13:30 Shape the advisory stakeholder forum – Room 213/215

Develop Business Models for Executive to deliver EOSC
- 11:00 Sustainability of the EOSC – Room 213/215

Incorporate Principles of Engagement into the Governance Framework
- 13:30 Principles of engagement in the EOSC – Plenary Room

Incorporate Policy Framework into the Governance Framework
- 11:00 Building a European policy framework – Room 211/212

Discuss, pilot and develop the Governance Framework with stakeholders
- EOSC Governance workshop, Porto, 25 January

Get involved

Stakeholder Forum Sessions
- 11:00 Building a European policy framework – Room 211/212
- 11:00 Sustainability of the EOSC – Room 213/215
- 13:30 Principles of engagement in the EOSC – Plenary Room
- 13:30 Shape the advisory stakeholder forum – Room 213/215

EOSC Governance workshop, Porto, 25 January
in conjunction with EUDAT conference

Draft Governance Framework
http://eoscpilot.eu/content/d22-draft-governance-framework-european-open-science-cloud

Governance Development Forum
https://eoscpilot.eu/about/governance-framework

Register for project updates at
https://eoscpilot.eu/user/register
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