



Winter School 2026

27 - 29 January 2026
Nice, France



eosc Our itinerary since 2024

Thessaloniki, 2024



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Seville, 2025



Image by [Roland Jacobs](#) from [Pixabay](#)

Nice, 2026



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17-18 Mar 2025
Brussels



17-18 Jun 2025
Krakow



01-02 Oct 2025
Helsinki

Achievements of 2025

eosc Federation

EOSC Symposium 2025 / 03-05 November / Brussels

eosc GRAVITY

eosc

Focus



eosc

EOSC Symposium 2025
03-05 November

Welcome to E O S C F E D E R A T I O N





eOSC | Federation
13 MoU signing ceremonies





“What matters most is to keep the momentum, the ambition and the shared purpose that have brought us this far. So let’s seize this moment, let’s act together to complete [the EOSC Federation] fast and make it the backbone of Europe’s digital research and innovation ecosystem You can count on the full support of the European Commission in this vital and transformative endeavor.”

Marc Lemaître @EOSC Symposium 2025



eosc Build-up Group meeting in Nice

26-27 January 2026





Open calls to grow the EOSC Federation

The logo for EOSC Tripartite, featuring the 'e' icon and the text 'EOSC | Tripartite' in white on a black background.

Enrolment call of EOSC
Tripartite Governance

The logo for EOSC Gravity, featuring the 'e' icon and the text 'EOSC | GRAVITY' in white on a teal background. Below it is the European Union flag and the text 'Funded by the European Union'.

Preparatory grants
under EOSC Gravity

The logo for EOSC Gravity, featuring the 'e' icon and the text 'EOSC | GRAVITY' in white on a pink background. Below it is the European Union flag and the text 'Funded by the European Union'.

Inter-project grants
under EOSC Gravity

Submission deadline: 18 February 2026 (17:00 CET)



EOSC Symposium 2026

Florence, 14 – 16 October 2026



Funded by
the European Union



Photo by Dico Baskoro on [Pexels](#)



SRIA 2.0: Public consultation

Share your insights on the main
technological and innovation
challenges of EOSC

eosc.eu/eosc-about/sria-mar



Submission deadline: 31 January 2026

Driver



Photo by [Lê Minh](#) on Pexels

Passenger



Photo by [Jeffrey Czum](#) on Pexels

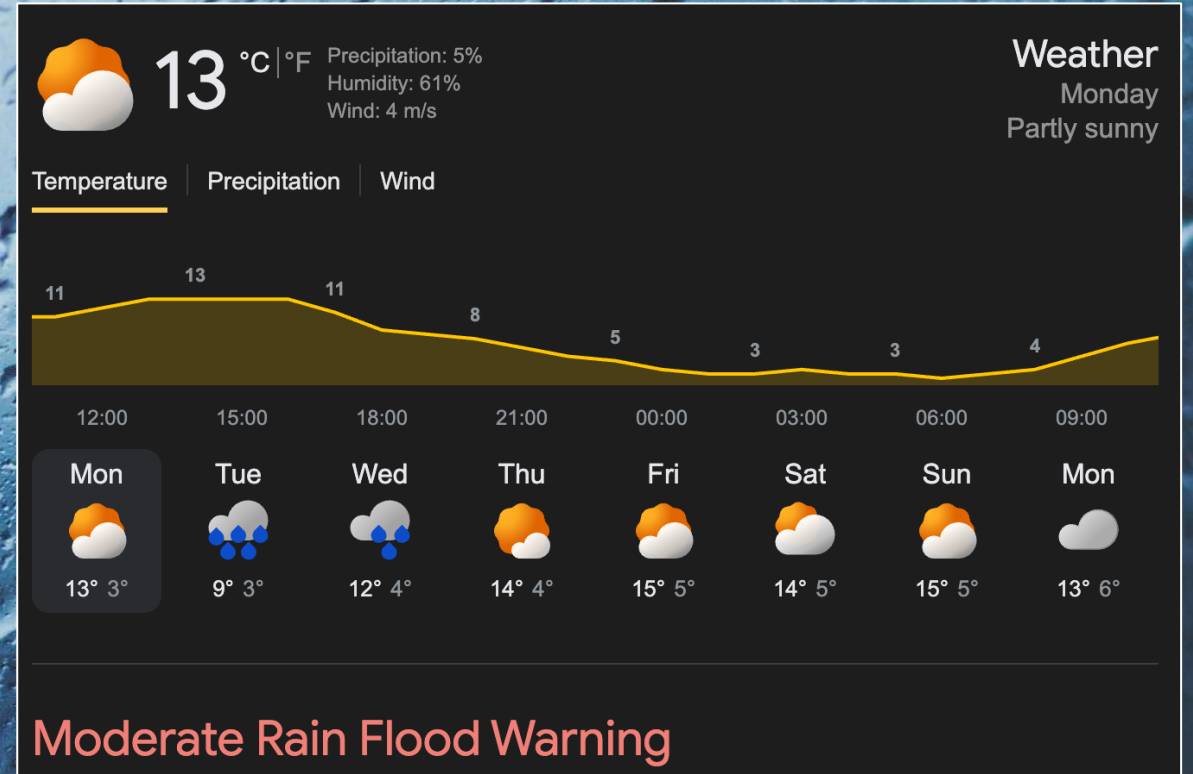
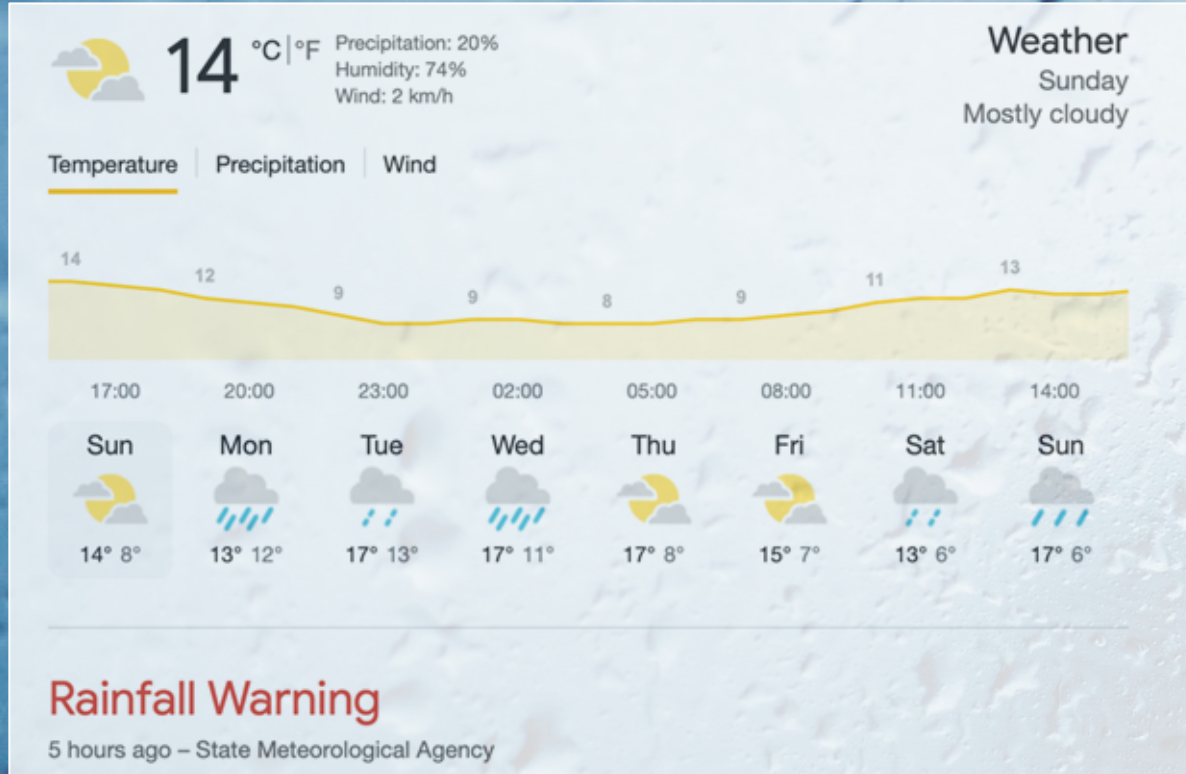
Pathfinder



Photo by [Tima Miroshnichenko](#) on Pexels

eosc Brokerage event: 27 January 2026





European Commission's contribution to EOSC

27-29 January 2026

EOSC Winter School 2026

Ana Teresa Mota

DG Research and Innovation

EOSC in Horizon Europe

Around EUR 500 million under EOSC Partnership

- 2021 - 2024
 - 34 grants // 711 participants // 370 unique participants
 - 1 procurement (EU Node)
- 2025
 - 5 topics // EUR 106.5 million // call closed 18 September
- 2026 - 2027
 - 4 topics // EUR 98 million // **opening 10 March (WP 2026)**
 - 1 procurement (EU Node extension)



EOSC in Horizon Europe

2026

- 1. Uptake of FAIR data management practices and of EOSC by research communities and research infrastructures (RIA)**
- 2. Trusted frameworks for secure and efficient data sharing in EOSC (CSA)**

2027

- 1. Expanding and deepening the EOSC Federation (COFUND)**
- 2. Strengthening the potential of the EOSC for knowledge valorisation and industry academia collaboration (CSA)**

HORIZON-INFRA-2026-01-EOSC-01

Uptake of FAIR data management practices and of EOSC by research communities and research infrastructures (EOSC Partnership)

- **Indicative budget: EUR 40 million**
- Proposals should cover both the following activities:
 1. Accelerate FAIR adoption and the contribution to and use of EOSC resources by multiple research communities through open science projects.
 - Cascading grants to third parties – EUR 29 million, EUR 100 000 – 250 000 per grant.
 2. Support the integration of thematic research and RI communities in the EOSC Federation.



HORIZON-INFRA-2026-01-EOSC-02

Trusted frameworks for secure and efficient data sharing in EOSC (EOSC Partnership)

- **Indicative budget: EUR 10 million (EUR 3 to 5 million per project)**
- Proposals should cover the following activities (1/2):
 - Development and implementation of **research data sovereignty frameworks** as well as best practices from EOSC, related common European data spaces and international data-sharing standards and initiatives.
 - Demonstration and validation of **adoption cases of data sovereignty policies**, aligned with open science and the FAIR data principles.
 - Development of **harmonised governance frameworks**, ensuring smooth enforcement of data sovereignty policies.
 - Development of comprehensive **data provenance tools** to trace and verify the quality and lineage of data used in research, and demonstration through identified use cases within relevant selected thematic areas.



HORIZON-INFRA-2026-01-EOSC-02

Trusted frameworks for secure and efficient data sharing in EOSC (EOSC Partnership)

- Proposals should cover the following activities (2/2):
 - Development of **templates and guidelines for secure and sovereign data management**, including template agreements on data sharing, publication, and reuse, and guidelines for licensing.
 - Development of **guidelines for classifying critical data and services** and for managing risks related to access to and preservation of such critical data and services.
 - Analysis of **data categories and definitions across scientific disciplines**, incorporating compliance with security requirements set out in EU and national legislation.
 - Development of **recommendations for the establishment of a support centre** focused on compliance of data management with EU and national legislation, and proof of concept of its integration and sustainable operation in the EOSC Federation.



HORIZON-INFRA-2027-01-EOSC-01

Expanding and deepening the EOSC Federation (EOSC Partnership)

- **Indicative budget: EUR 40 million**
- Proposals should cover both the following activities:
 1. Provide seamless, user-friendly access to EOSC users to digital services for typical research workflows such as data storage, computing, applications, and collaboration tools, through a fully integrated EOSC Federation-wide system.
 2. Support the broadening, integration and structuring of the participation of research communities in the EOSC Federation.
- Programme co-fund action ☐ a call addressed to (co-)funders



HORIZON-INFRA-2027-01-EOSC-02

Strengthening the potential of the EOSC for knowledge valorisation and industry-academia collaboration (EOSC Partnership)

- **Indicative budget: EUR 8 million (EUR 2.5 to 4 million per project)**
- Proposals should cover the following activities:
 - Analyse **opportunities and barriers** emerging from the provisions of the EU's current legal framework on intellectual property and relevant types of licenses to valorise knowledge resources in EOSC Federation.
 - Gather **requirements and needs**, develop and analyse potential **business models and access schemes** for innovators and start-ups in Europe to access and use resources available in the EOSC Federation.
 - Develop a number of **case studies of identified EOSC stakeholders** valorising their results and/or establishing collaboration links with the private sector.



HORIZON-INFRA-2027-01-EOSC-02

*Strengthening the potential of the EOSC for knowledge valorisation and industry-academia collaboration
(EOSC Partnership)*

- Proposals should cover the following activities (2/2):
 - Map out and evaluate the possibilities of **relevant types of licenses for knowledge resources** to facilitate knowledge valorisation and engage in open innovation and industry-academia collaboration.
 - Organise **workshops, webinars and awareness-raising campaigns**, and develop **guiding material** targeted at EOSC users and communities contributing to EOSC on how to facilitate and engage in knowledge valorisation and industry-academia collaboration based on the knowledge resources of EOSC Federation.
 - Develop **recommendations and best practices**, based also on the case studies, for further development of the EOSC Federation to facilitate knowledge valorisation and industry academia collaboration.



HE Research Infrastructures Info Day

- Wednesday 18 March 2026, 10:00 – 14:00 (CET).
- **Only for 2026 calls!**
- Pre-recorded presentations will be made available [online](#) in advance.
- Questions can be submitted via [Sli.do](#), using **#infodayRI2026**.
- Questions will be addressed during the live event.



Thank you!



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Evolution of the EOSC Federation

Bob Jones, EOSC-A
EOSC Winter School
28 January 2026



“

“What matters most is to keep the momentum, the ambition and the shared purpose that have brought us this far. So let’s seize this moment, let’s act together to complete [the EOSC Federation] fast and make it the backbone of Europe’s digital research and innovation ecosystem You can count on the full support of the European Commission in this vital and transformative endeavor.”

Marc Lemaître @EOSC Symposium 2025



Operational structure

- Migrate Build-up group to the operational structure outlined in the MoU
- Evolution of federating capabilities and the interoperability framework

Transition to production

- Move the EOSC Federation from prototype to production
- Address legal, governance, operational and engagement requirements

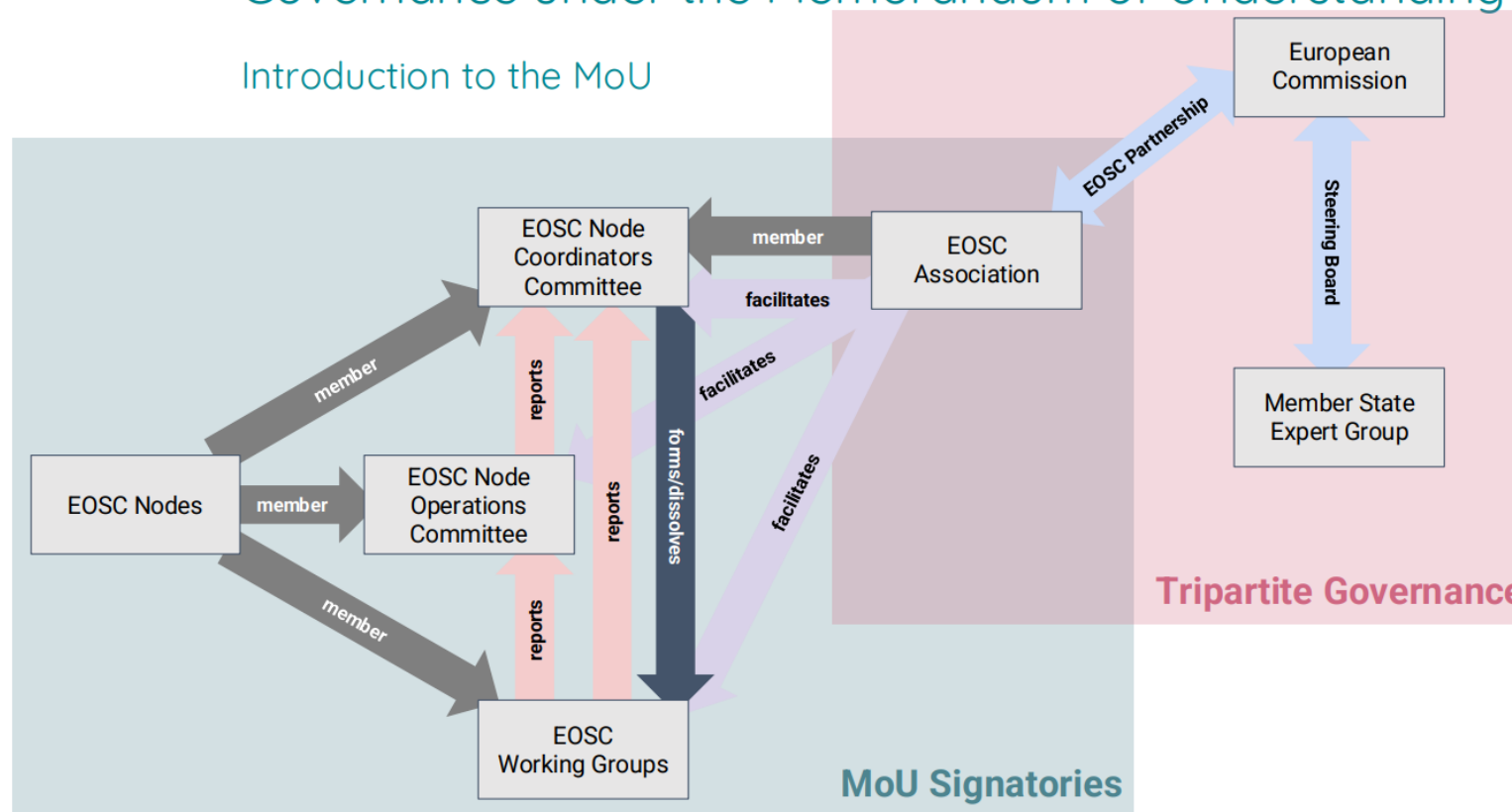
Expansion

- Enrollment of nodes and onboarding of resources and use-cases
- Leveraging wave of enrolment waves, EOSC Gravity cascading grants, HORIZON-INFRA-2025-01-EOSC-01

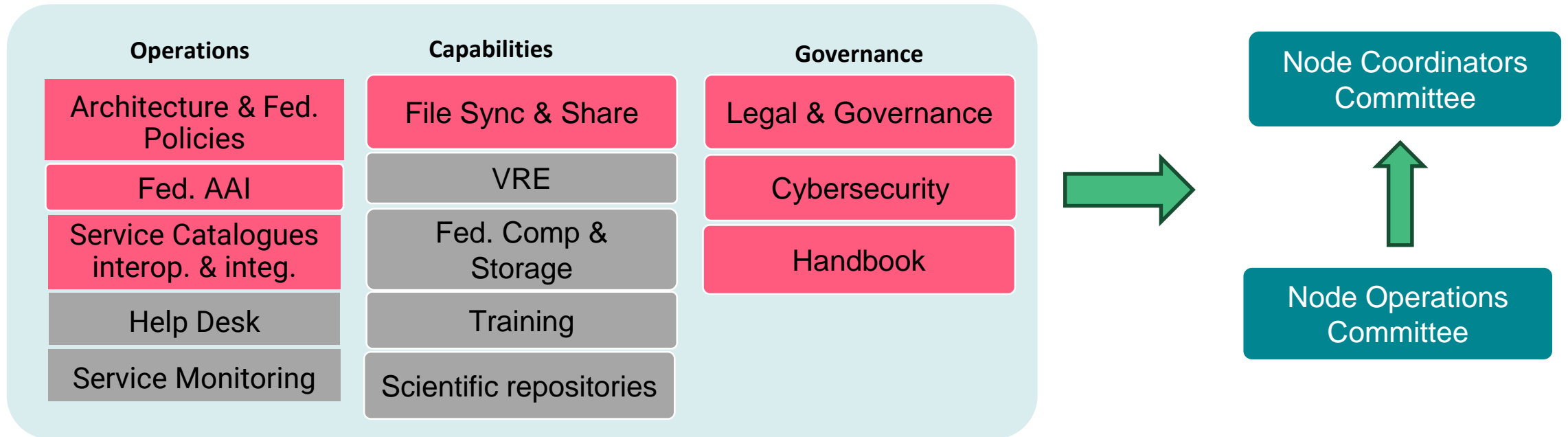
EOSC Federation Governance of the EOSC Federation in 2026

Governance under the Memorandum of Understanding

Introduction to the MoU



Working Groups



legend

Committee

Working Group

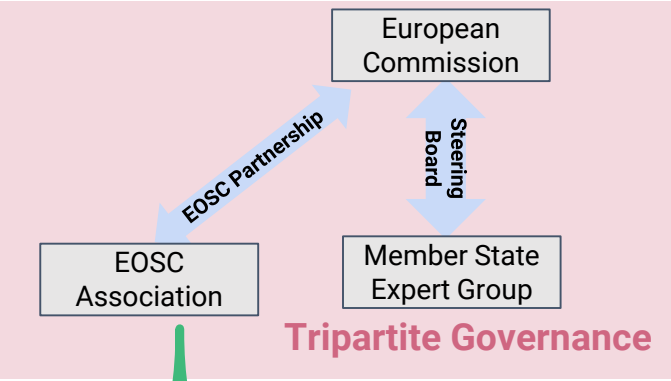
WG not yet endorsed



Reporting line







Goal of this co-located event is to ensure all these structures can contribute to the EOSC Federation



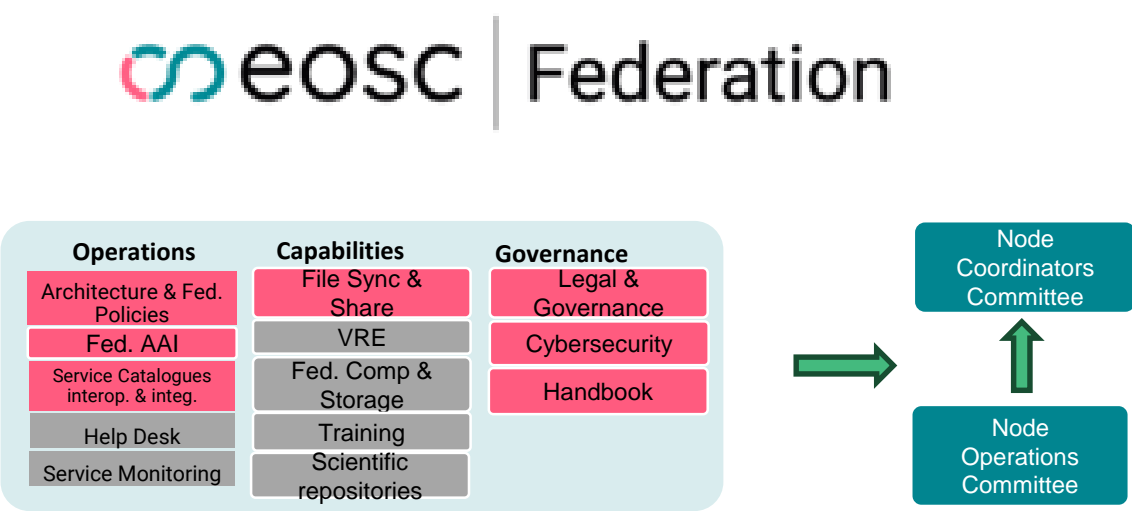
Opportunity Area Expert Groups

-  OA Expert Group: Research Software
-  OA Expert Group: Open Scholarly Communication
-  OA Expert Group: Skills, Training, Rewards, Recognition and Upscaling
-  OA Expert Group: User and Resource Environments
-  OA Expert Group: FAIR Assessment and Alignment
-  OA Expert Group: Metadata, Ontologies and Interoperability
-  OA Expert Group: Persistent Identifiers

Task Forces

-  Technical and Semantic Interoperability Task Force
-  FAIR Metrics and Digital Objects Task Force
-  Health Data Task Force
-  Long-Term Data Retention Task Force

Build-up Group



Operational challenges

Evolution of federating capabilities and the interoperability framework

- Expand the usage and functionality of the federated AAI and catalogs
- Introduce federation wide service monitoring and helpdesk integration

Transition to production challenges

Move the EOSC Federation from prototype to production

- Clarify the necessary steps and the implications for each node
- Foresee the co-existence of prototype & production nodes in the federation

Address legal, governance, operational and engagement requirements

- Tasks for the Legal & Governance Working Group and Node Operations Committee
- Establish the Academy and User Forum

Expansion challenges

Enrollment of nodes and onboarding of resources and use-cases

- Prepare a schedule so new nodes, resources and use-cases can be included in the federation

Leveraging wave of enrolment waves, EOSC Gravity cascading grants, HORIZON-INFRA-2025-01-EOSC-01

- Build on the outcomes of the brokerage event and winter school

Growing the EOSC Federation: Routes to engagement

Preparatory grants
under EOSC Gravity:
€50k

- Preparatory work for potential future Nodes
- Deliverable: Project Charter

Enrolment call of
EOSC Tripartite
Governance

- No funding involved (all in-kind)
- Selection overseen by EOSC Tripartite

Operating Nodes

Direct submission

Inter-project grants under
EOSC Gravity: €50k

- Onboarding of resources to existing EOSC Nodes
- Use case deployment

Timeline

Enrolment call
of EOSC Tripartite
Governance

03 November 2025	18 February 2026, 17:00 CET	18 February - April 2026	End of April 2026 (foreseen)	May 2026 (foreseen)
Call opens	Deadline for submission	Evaluation period	Results	Earliest starting date of projects Mandatory remote kick-off meeting

Preparatory and
Inter-project grants
under EOSC Gravity

03 November 2025	18 February 2026, 17:00 CET	18 February - 20 April 2026	20 April 2026	20 April - 06 May 2026	06 May 2026
Calls open	Deadline for submission	Evaluation period	Results	Sub-grant agreement signature	Starting date of projects Mandatory remote kick-off meeting

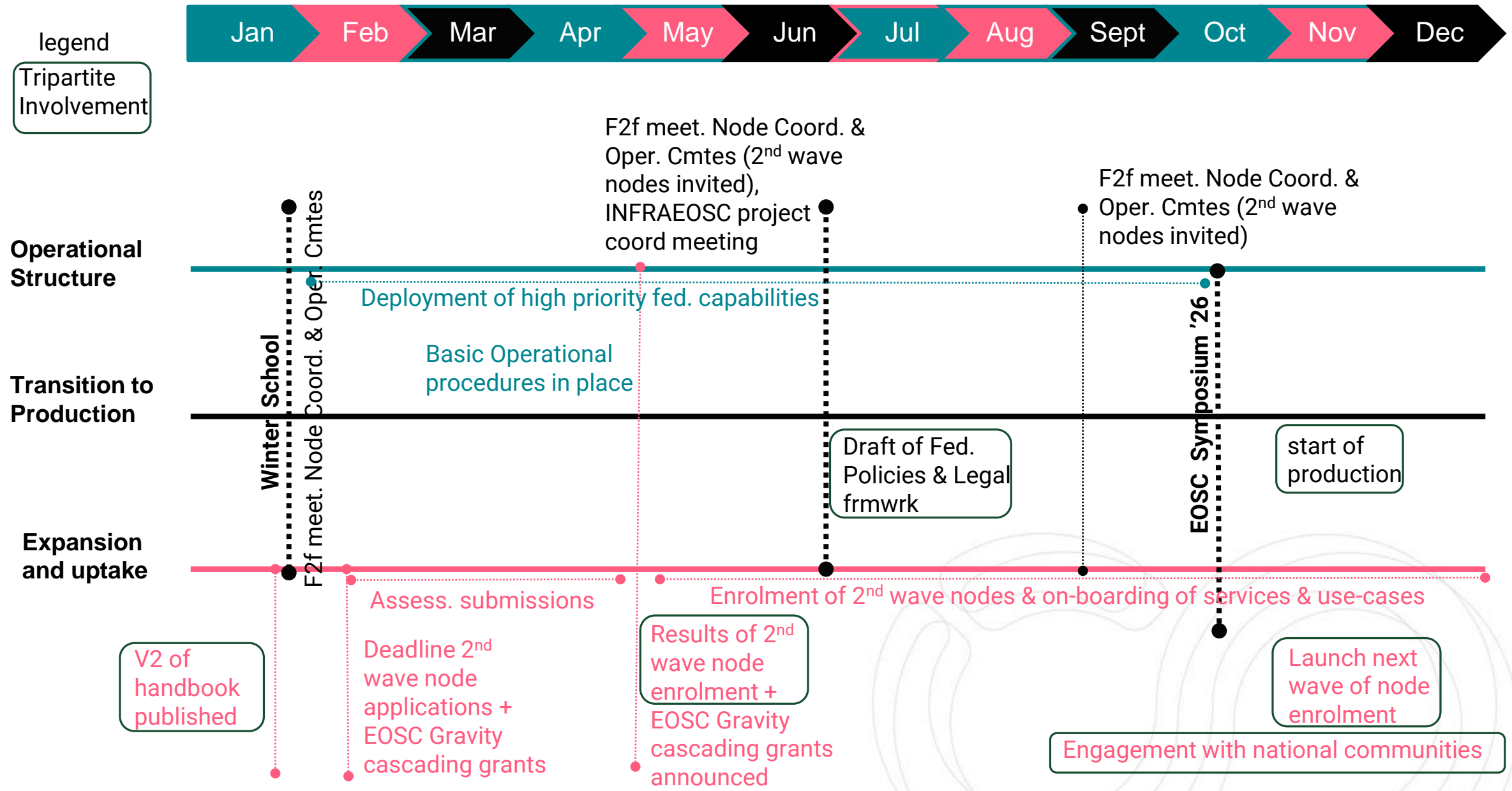
We are here

EOSC Federation aims for 2026

Transition from prototype to production demonstrating added value for users and contributors

- **EOSC Federation will**
 - Be comprised of several enrolled EOSC Nodes: *Add more nodes*
 - Have operational governance and a clear organizational structure: *Implement MoU structure, adopt FitSM*
 - Have established key policies and the EOSC Interoperability Framework: *Expand + cybersecurity*
 - Demonstrate cross-Node utilization of federating capabilities: *Add service monitoring & helpdesks*
- **EOSC Federation users will be able to**
 - Access resources via single sign-on and a common catalogue: *Extend to all nodes & clarify access policies*
 - Use a virtual research environment: *Expand VRE support*
 - Access FAIR and machine actionable research datasets: *Expand corpus of high-quality datasets*
- **Communities/stakeholders will be provided with**
 - Key information via the EOSC Federation Handbook: *Prepare next version of Handbook*
 - Guidance on Node enrolment and resource onboarding: *Documented procedures & policies*
 - Demonstrations of multi-node use cases: *Add more use-cases from diverse disciplines*

Timeline 2026





Q&A

EOSC Federation Handbook **V2**

Rudolf Dimper (EOSC-A) and Andy Götz (EOSC-A + ESRF) on behalf
of the

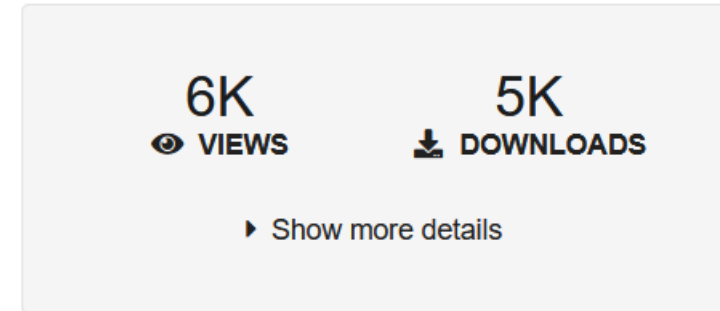
Editors, Contributors and Reviewers



The EOSC Federation Handbook



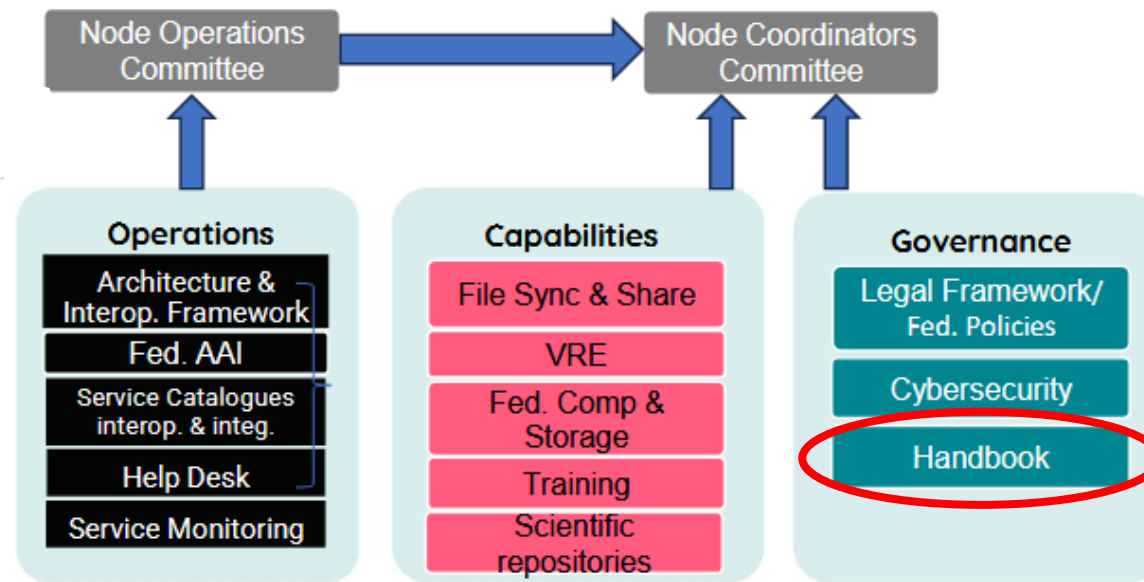
V1



- ✓ The Handbook V1 draft was presented at the EOSC Symposium 2024 (Berlin) by Andy Götz
- ✓ Written collectively by volunteers, it was published in March 2025
- ✓ Responding to the need to have a clear manual on how to build the Federation for Nodes joining the EOSC Federation
- ✓ It accompanied the EOSC Federation built-up effort in 2025

The EOSC Federation Handbook

- ✓ 2025 was a busy year for building the Federation
- ✓ The **Federation Build-Up group** was created with a **sub-group** in charge of updating the Handbook
- ✓ In September the Handbook subgroup initiated a **survey to Nodes, Projects, OAEs, and TFs** for “refreshing” Handbook V1



Federation Build-up Group

Handbook Survey

21 questions

comments
interoperability
rules-of-participation
cross-node-federation
fair-data-catalogues
governance
building-a-node
onboarding
monitoring
policies
executive-summary
helpdesk
cybersecurity
data-protection
node-landing-page
een-resource-catalogue
federation-concept
workflows
guidelines
mou



Handbook Update – The Timeline

- ✓ 29 replies (Nodes, Projects, OAEG, TFs) by **mid October '25**
- ✓ For each question/topic a separate file was generated, pre-analysed by AI, and analysed by three sub-group members → >100 pages in total!
- ✓ Each sub-group member analysed 3-4 topics
- ✓ By **end of November** analysis resulted in concrete proposals what to update in the HB
- ✓ In **December** the team started editing the HB V2
- ✓ Editing process finished **23/12/25** – Merry Christmas!
- ✓ Draft was sent to EU for review the same day
- ✓ Review feedback received on **19/01/25**
- ✓ Feedback implemented by **22/01/25**



Handbook **V2** – an update?

Ultimately, Handbook V2 has been a profound update, partly even a re-write!

What has changed?

- ✓ Added an Executive Summary
- ✓ Exhaustive list of Abbreviations and Acronyms
- ✓ New Introduction
- ✓ Governance describing what is in place
- ✓ New MoU section
- ✓ Removed chapter on KPIs
- ✓ Updated Operational Structure
- ✓ Updated/expanded EOSC Federation and Node Architecture
 - ✓ Node core capabilities, resources
 - ✓ Federating capabilities, Interoperability Framework
 - ✓ Cybersecurity, data protection
- ✓ Updated chapter on Research Resources
- ✓ Updated chapter how to join the EOSC Federation

			Resource	Category		
			Research Publications	Publications		
			Research Data sources	Sources		
			Research Data	Data		
ID	Federating Capability		Research Software	Software	e EOSC	Classification
FC-1	AAI	Ensures t Nodes				Mandatory ²⁹
FC-2	Resource Catalogues and Registry services	Enables th Services i EOSC Noc			ces (e.g. through	Mandatory ^{30,31}
FC-3	Helpdesk	Integrates EOSC Fed channel by	Research Tools	Software	within the support odes.	Recommended (Will become Mandatory in 2026)
FC-4	Service Monitoring	Provide in of service EOSC Noc	Research Services	Services	ailability through	Recommended (Will become Mandatory in 2026)
FC-5	Service Management System	EOSC Fed System. c EOSC Ni managem includes S	Research Training	Mentoring	agement between service It also es.	Recommended (Will become Mandatory in 2026)
FC-6	Service Accounting	Provide ir offered by	Research Interoperability guidelines	Documentation	services eration.	Recommended
FC-7	Research Product Accounting	Provide ir products i EOSC Fed	Research Competence Centres	Mentoring	research es in the	Recommended
FC-8	Order Management	Provides users to resources federated	Research Resources and Services Discovery	Discovery	ers and vice and across	Recommended
FC-9	Application Deployment Management	Automate across m			services	Recommended

Handbook V2

Your Feedback is welcome and needed!

- What is missing, not understandable, wrongly formulated
- The Handbook should be your reference document for the EOSC Federation
- If something is not in the Handbook, let us know!
- If you would like to join the Federation but don't find your case described in the Handbook then engage with us

How to engage?

Speak to the editors, authors and or send feedback to handbook@eosc.eu

Creating HB V2 is the work of many!

Let's make sure it is useful, and please use it!



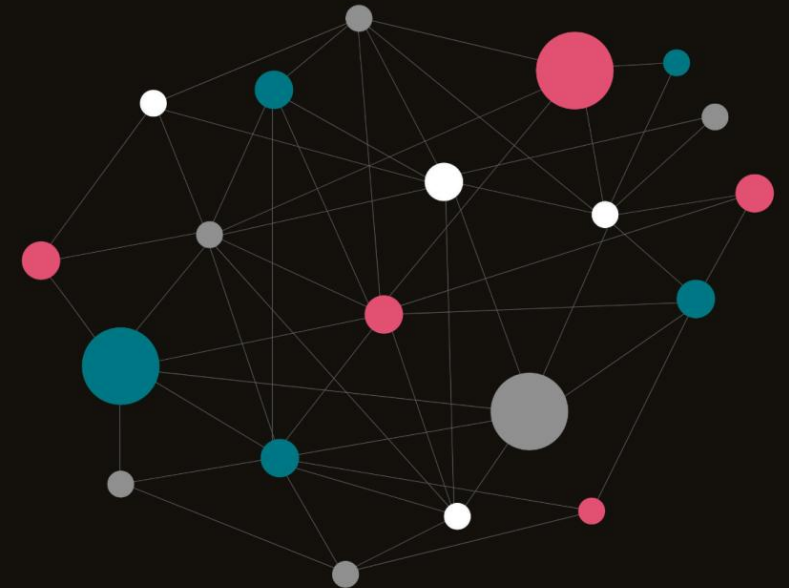
https://eosc.eu/wp-content/uploads/2026/01/EOSC-Federation-Handbook_v2_Final-draft_20260121.pdf



And now?

- ✓ We are eager to get input from new nodes joining in 2026!
- ✓ Description of an updated interoperability framework
- ✓ Chapter 5 – Research Resources, will need to be enriched
- ✓ How to include communities that have few resources
- ✓ Expect V3 of the Handbook in one year from now!

EOSC Federation Handbook



Acknowledgements

Thank You!

The following groups of people contributed to the Handbook:

Handbook sub-group members:

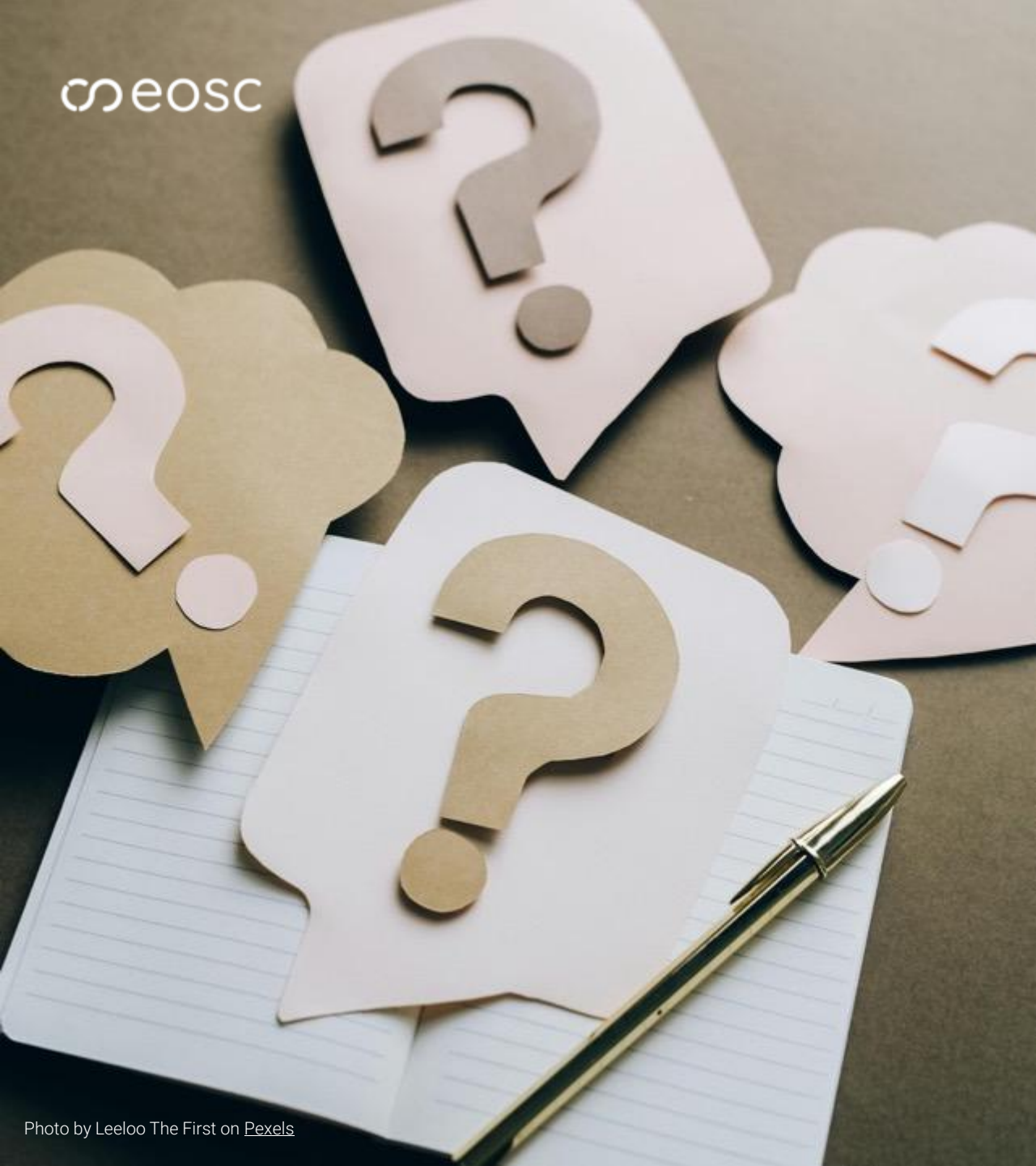
Spiros Athanasiou (EU Node), Abdulrahman Azab (EUDAT), Mauro Campanella (ICSC), Natalia Galica (Poland), Jose Benito Gonzalez Lopez (CERN), Andy Götz (PaNOSC), Maarten Hoogerwerf (SURF), Pasquale Pagano (Digital Twin of the Ocean), Jessica Parland-von Essen (Finland), Alessandro Rizzo (Data Terra), Diego Scardaci (EOSC Beyond), Silvia Sofianos (Slovakia), Mark van de Sanden (GÉANT), Jonathan Tedds (Life Sciences Connect), Andreas Türk (BBMRI), Wilma Wolf (NFDI)

Editors

Andy Götz (EOSC-A + ESRF), Rudolf Dimper (EOSC-A), Bob Jones (EOSC-A), Miguel Rey Mazón (TU Graz/EOSC Gravity)



meosc



Q&A



EOSC-A Task Forces

Roxanne Wyns, EOSC-A Director





The EOSC Association Task Forces, together with the EOSC Opportunity Area Expert Groups, represent the **EOSC brain pool**. Together, these groups include **hundreds of expert volunteers** collectively working to develop key areas in the implementation of EOSC.

Activities

- **Liaise** with the EOSC-related HE projects and the EOSC Opportunity Area Expert Groups
- **Offer recommendations** on targeted areas of EOSC's development
- Help to **identify strategic gaps** and areas for investment to input to SRIA

Current EOSC-A Task Forces (2024-2026)



FAIR Metrics and Digital
Objects Task Force



Long-Term Data Retention
Task Force



Health Data
Task Force



Technical and Semantic
Interoperability Task Force

FAIR Metrics and Digital Object Task Force

Co-chairs



Elli
Papadopoulou
Athena RC



Mark Wilkinson
UPM

This TF aims to address the **challenges associated with the federation of FAIR data by extending traditional FAIR metrics**, which predominantly focus on repository features. In 2025 the TF focused on assessing metadata practices across European research. The main activity involved **designing, testing and deploying a comprehensive survey for repository managers** to evaluate interoperability, reusability, and FAIR compliance, while also addressing challenges in handling sensitive data, access restrictions and data governance (KFA1,2,3).

Published deliverable

- D2.1 Report on Repository Support for Data-level Interoperability/Reusability

Forthcoming deliverable

- Refocus second deliverable to align with the evolving priorities of the EOSC Federation

Plans for 2026

- **Enhance interoperability and strengthen cross-Node collaboration** within the EOSC Federation, ensuring that lessons learned translate into concrete improvements across repositories and services



eosc Long-Term Data Retention Task Force

Co-chairs



Jacques Flores
Utrecht University



Fen Zhang
LIBIS - KU Leuven
Libraries

This TF primarily focuses on **analysing the needs and challenges associated with long-term data retention**. It aims to provide feedback and recommendations on retention, curation, and preservation and produce a landscape report on the different scientific community's status, needs and challenges in data retention, appraisal, and re-appraisal to make strategic recommendations on continued actions (SRIA, MAR).

Forthcoming deliverables

Two deliverables remain in the finalisation process, responding to the QRC comments. They will be published at the end of Q1 2026:

- D4.1 The Retention and (Re)Appraisal Iteration Logic (RRAIL)
- D4.2 Current needs and challenges on data retention, appraisal and reappraisal across stakeholders and communities

Plan for 2026

- Conduct deeper research and produce an **updated Deliverable D 4.2**, version 2.
- Focus on **raising awareness and sharing recent research findings** related to long-term data retention challenges.



eosC Technical and Semantic Interoperability Task Forces

Co-chairs



Diego Scardaci
EGI Foundation



Jiří Marek
Masaryk University



Christos
Kanellopoulos
GÉANT

This TF aims to **enable seamless access to high-quality research outputs and services across EOSC** and brings together expertise on the technical foundations that connect users with data and services. It liaises with EOSC projects, European infrastructures and the wider EOSC community and is organised in **three subgroups**: 1) Technical Interoperability, 2) Semantic Interoperability, and 3) Authentication and Authorisation Infrastructure.

Published deliverables

- EOSC AAI Architecture v2025 v1
- Status of the Technical Interoperability in the EOSC Federation and initial gap analysis

Forthcoming deliverable

- Status of the Semantic Interoperability in the EOSC (currently under review)

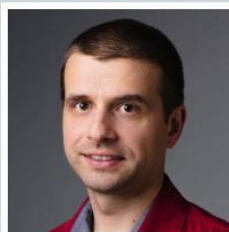
Plan for 2026

- Requirements for the EOSC AAI v2025
- EOSC AAI Architecture v2026
- Final report on the Technical aspects of the EOSC Interoperability Framework and EOSC Federation Technical Architecture and implementation recommendations
- Semantic Interoperability: practical recommendations for the EOSC Federation
- Report on other possible interoperability aspects of the EOSC Federation with a special focus on the Data Spaces initiative
- Final report on the semantic aspects of the EOSC Interoperability Framework



eosco Health Data Task Force

Co-chairs



Petr Holub
BBMRI-ERIC & Masaryk
University



Juan Gonzalez-
Garcia
IACS

This TF focuses on the common aspects of the **interoperability, sharing and reuse of health data and services** among the EHDS and other related activities with EOSC, in compliance with FAIR principles. The main objective is to define the EOSC strategy towards the extensive use of health data in research projects through the identification of special requirements, regulations and the ethical and legal grounds to make the access and processing of health data in the context of EOSC fair and safe. Also, this TF will **foster interoperability with the EHDS** for secondary use infrastructure (HealthData@EU) through the identification of common services and formats in the EOSC Nodes arena.

Forthcoming deliverable

- In the finalisation process: D3.1 Identification of gaps, redundancies, and possible synergies regarding different user journeys of researchers in EHDS and EOSC (currently under review)

Plans for 2026

- Strategic view of EOSC supporting the adoption of EHDS



Plan for establishment of new Task Forces

The new TF configuration will be built on lessons learned, and adapted to the emerging realities of the rapidly evolving EOSC landscape.

The roadmap for the next round of TFs passes through **five key milestones**:

- **Q1 2026:** The EOSC Winter School 2026 will feature a brokerage event that will connect the TFs, the EOSC OAEGs, and the INFRAEOSC projects with the EOSC Federation Build-up Group
- **Q2 2026:** A robust set of recommendations delivered by EOSC Gravity will be considered by the EOSC-A Board in order to arrive at the TF focus areas, optimal size of the TFs, optimal length of remit, and a short-list of deliverables
- **Q3 2026:** A call for expressions of interest for TF members
- **Q4 2026:** A transitional handover period in which the EOSC-A Board and the current TF co-chairs will work closely with the EOSC Federation Build-up Group, and in dialogue with the OAEGs and INFRAEOSC projects



Opportunity Area Expert Groups

Ilire Hasani-Mavriqi

EOSC Gravity

Graz University of Technology



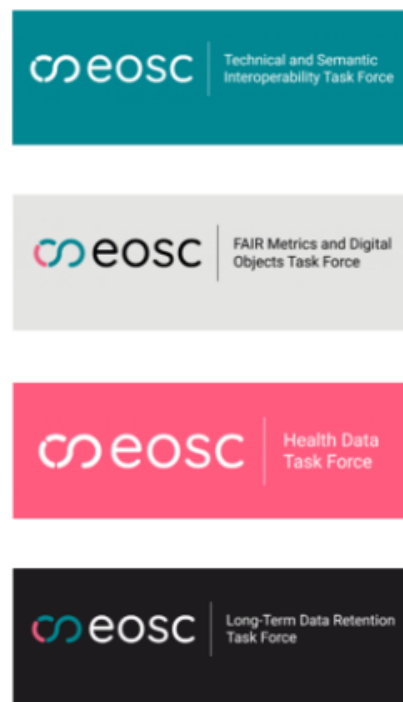
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Opportunity Area Expert Groups

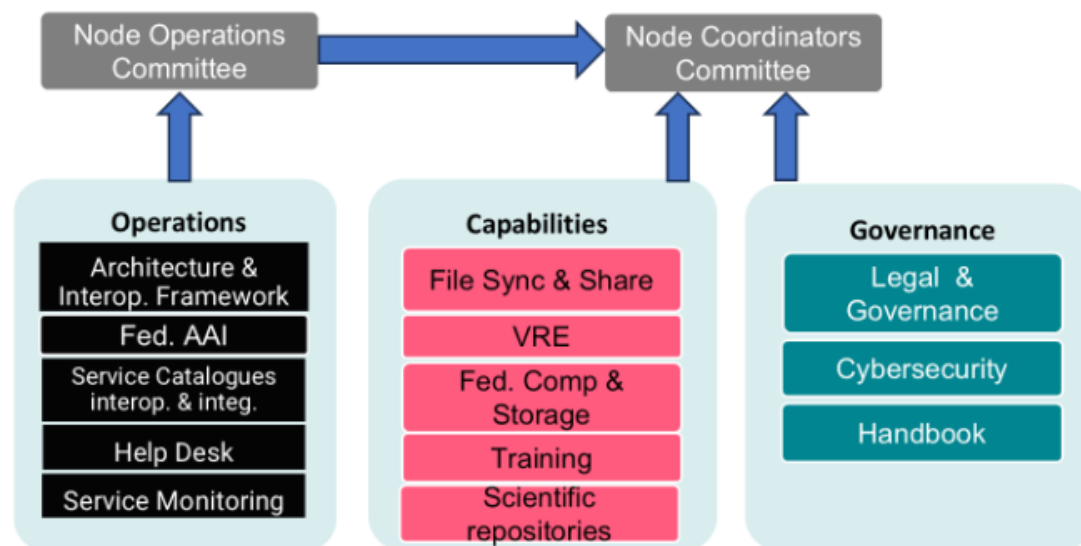
	OA Expert Group: Research Software
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	OA Expert Group: User and Resource Environments
	OA Expert Group: FAIR Assessment and Alignment
	OA Expert Group: Metadata, Ontologies and Interoperability
	OA Expert Group: Persistent Identifiers

Task Forces



Build-up Group

Federation



Opportunity Area Expert Groups (OAEGs)



The **EOSC Opportunity Area Expert Groups**, together with the EOSC Association Task Force, represent the **EOSC brain pool**
OAEGs are an initiative of the HE EOSC-related projects

Opportunity Area Expert Groups enable open, flexible collaboration across projects to turn shared expertise into concrete, evolving action



OA Expert Group:
Persistent Identifiers



OA Expert Group: Metadata,
Ontologies and Interoperability



OA Expert Group:
FAIR Assessment and Alignment



OA Expert Group:
User and Resource Environments



OA Expert Group: Skills, Training,
Rewards, Recognition and Upscaling



OA Expert Group:
Open Scholarly Communication



OA Expert Group:
Research Software

<https://eosc.eu/eosc-opportunity-area-expert-groups/>

HE EOSC-related projects

INFRAEOSC 2021

AI4EOSC
EOSC Focus
EOSC4Cancer
EuroScienceGateway
FAIRCORE4EOSC
FAIR-EASE
FAIR-IMPACT
RAISE
Skills4EOSC

Neighboring Projects

BY-COVID (2021-EMERGENCY-01)
E-IRGSP7 (2021-DEV-01-05)
StRESFRI3 (2021-DEV-01)
WorldFAIR (2021-ERA-01-41)

INFRAEOSC 2022

AquaINFRA
Blue-Cloud 2026
CRAFT-OA
GraspOS
RDA Tiger
SciLake

INFRAEOSC 2023

EOSC Beyond
EOSC ENTRUST
EVERSE
OSCARS
OSTrails
SIESTA
TITAN

INFRAEOSC 2024

CLIMATE-ADAPT4EOSC
Datagems
FAIR2Adapt
EOSC Data Commons
EOSC EDEN
EOSC FIDELIS
EOSC Gravity
EOSC Lumen
EOSC RAISE Suite
EOSC United

Projects awarded under the Destination INFRAEOSC calls of the Horizon Europe (HE) framework program within the context of the EOSC Partnership

eosc HE EOSC-related projects

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Projects awarded under the Destination INFRAEOSC calls of the Horizon Europe (HE) framework program within the context of the EOSC Partnership

Currently 21 active projects

EOSC Winter School 2026: Supporting the EOSC Federation

Foster convergence through three complementary approaches:

- Enabling dialogue and mutual learning between EOSC Nodes and the EOSC community to support future applications and resource onboarding
- Providing opportunities to network and forge alliances
- Enhancing collaboration through in-depth discussions and hands-on work across the EOSC community

EOSC Winter School 2026: High-Level Programme

Time	Monday 26 Jan	Tuesday 27 Jan		Wednesday 28 Jan			Thursday 29 Jan
9:00	Closed meetings	Closed meetings / EOSC WS Brokerage Event		Thematic Tracks			Reporting & Closing
		Node Coord. Cmte	Node Op. Cmte	Opening & Introduction			Reporting Thematic Tracks Lessons learned - Brokerage
12:30	Individual arrival, welcome & registration	Build-up Group Meeting	Individual arrival & registration	Track 1	Track 2	Track 3	Panel discussion, closing and next steps
12:30-14:00	Lunch break	Lunch break		Lunch break			Lunch to go
14:00	Plenary EOSC Federation Build-up Group	Introduction to the Brokerage Event		Track 1	Track 2	Track 3	<div>Legend</div> <div>CLOSED Build-up Group</div> <div>JOINT – Brokerage Event</div> <div>EOSC WS Participants</div> <div>Track 1: Federating capabilities and Interoperability</div> <div>Track 2: Resources</div> <div>Track 3: Competences and Training</div>
	Node Coord. Cmte	EOSC Stakeholder Brokerage Event (EOSC WS Participants & Build-up Group)			Coffee break		
18:00							
after 18:00	Social dinner (Build-up Group)	Welcome drinks		Dinner / Social event			

EOSC Winter School 2026: High-Level Programme

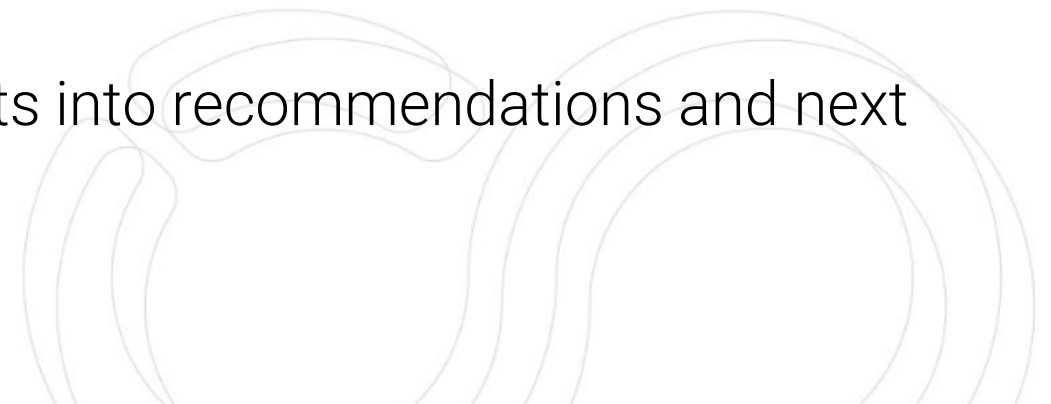
		Wednesday 28 Jan Thematic Tracks	Thursday 29 Jan Reporting & Closing
Time	9:00	Opening & Introduction	Reporting Thematic Tracks Lessons learned - Brokerage
		Track 1	Panel discussion, closing and next steps
	12:30	Track 2	
		Track 3	
12:30-14:00		Lunch break	Lunch to go
14:00		Track 1	
		Track 2	
		Track 3	
		Coffee break	
18:00			
after 18:00		Dinner / Social event	<u>Legend</u> Track 1: Federating capabilities and Interoperability Track 2: Resources Track 3: Competences and Training

Guided by the challenges faced by the EOSC Federation Build-up Group:

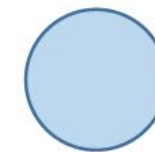
- Clarify the role of the EOSC EU Node in the EOSC Federation, and ensure procurement requirements align with the EOSC Federation's needs
- Develop scalable mechanisms for information gathering, consulting, and decision-making as the number of EOSC Nodes grows
- Collectively agree on functionality and interfaces for all federating capabilities, and increase involvement of the EOSC Nodes in decisions regarding solutions for federating capabilities.

Detailed programme: https://eosc.eu/wp-content/uploads/2026/01/EOSC-Winter-School-2026_Detailed-Programme_Thematic-Tracks_20260122.pdf

Approach:

- Subcommittees: experts from the INFRAEOSC projects, Opportunity Area Expert Groups and EOSC-A Task Forces
 - Multi-format sessions: lightning talks, interactive round tables, plenary discussions
 - Session A – Explore: build shared understanding, survey the landscape of potential solutions , identify promising directions
 - Session B – Prioritise: assess solutions by suitability, maturity, expected impact and implementation timeline
 - Session C – Synthesize: consolidate insights into recommendations and next steps
- 

Thematic Track 1: Federating Capabilities and Interoperability



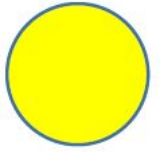
Room: Baie des Anges

Objectives

- Present the **current status and expected evolution of the EOSC IF**, focusing on interoperability aspects and federating capabilities
- Define common criteria for evaluating and recognising interoperability solutions that scale to the EOSC Nodes
- Roadmap the future of interoperability in EOSC, drawing on outputs from the OAEs, Task Forces, projects, and the EOSC Federation Handbook

Challenges addressed

- **Lessons learned from the EOSC EU Node implementation of interoperability** to inform the development of other Nodes: How can projects/OAEs/TFs help translate these lessons into practical guidance?
- How have projects and Task Forces supported communities in **implementing FAIR**, and how could these experiences be leveraged by EOSC Nodes or the Federation?
- What guidance can projects and Task Forces offer on **defining the FAIRness of EOSC Nodes** and their resources?



Room: Cliper

Objectives

- Conveying an understanding of the range of existing infrastructures and services by means of examples
- **Discussion of (a selection of) current problem areas (data quality, automated workflows, preservation)**
- Deriving work streams for task forces and OAEs

Challenges addressed

- **Development of a metadata catalog for classifying subject areas, maturity, scope of existing data sets, and resources**
- Development of access models and cost structures (governance)
- Onboarding of the broader scientific community beyond the existing institutions



Room: Fregate

Objectives

Session A: To define the role of the EOSC Academy and its key priorities

- **Shape the design and delivery of the EOSC Academy**
- **Address the training needs of nodes joining the Federation and support implementation of the EOSC Federation Handbook**

Session B: Embedding Training and Engagement into the EOSC Federation

- **Explore how open science training can enhance uptake of Node resources**
- Provide input to the EOSC Academy and EOSC Federation Handbook

Session C: Towards an EOSC skills and training roadmap

- Consolidate previous recommendations and those from Sessions A and B
- **Create a draft mandate for a new sub-group on training in the Build-up Group**

***Without proper skills for & engagement from all stakeholders
the benefits of EOSC can not be realized***

Challenges addressed

For potential users/researchers

- Joining up a fragmented training landscape to make it easier for users to access training
- Explaining EOSC - its value & services; support is needed if they want to use EOSC services;
- **Making sure users have the skills to access and use the services: training, help desk**

Urgent need for research data professionals (data stewards, etc.)

- We need to have enough of them - training and train-the-trainer needed
- **(European) agreement about minimum curricula and competencies would be very useful**
- Career paths, career possibilities, and certification mechanism

For staff building the national and thematic EOSC Nodes

- **Guidance needed, following emerging Node specifications (Handbook)**
- Services need to be on-boarded, including Training Services (o.a. Catalogue)
- Services need to be delivered to users (helpdesk, consultancy, training,..)

