

EOSC Association AISBL
6th General Assembly Meeting Meeting
Minutes, released [26/06/2023]



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| Date/Time: | 22 May 2023, 12:00 to 23 May 2023, 13:00 |
| Location: | Hotel Renaissance (Rue du Parnasse 19, 1050 Brussels) |
| Chair: | Karel Luyben (EOSC-A) Karel.Luyben@eosc.eu |
| Secretary: | Ute Gunsenheimer (EOSC-A) Ute.Gunsenheimer@eosc.eu |
| Voting Monitors: | Claire Clivaz (SIB) Marek Cebecauer (JHI) Lukas Jansen (NFDI) |
| Invited Guests: | Representatives of the European Commission (EC) and the EOSC Steering Board (EOSC-SB). |
| Delegates and Observer Representatives: | The list of participating organisations is attached (Appendix 2) |
| Date of Production: | 26 June 2023 |

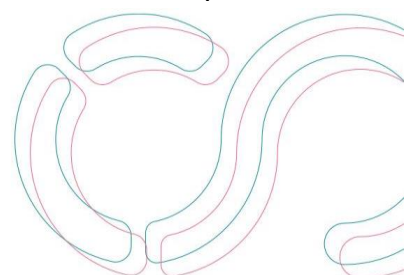
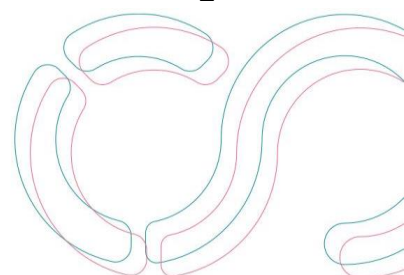


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Day 1, Monday, 22 May 2023, 13:00 CEST

BEFORE THE MEETING

Registration time, 12:00-13:00 CEST

Registration opens at 12:00 CEST and all participants are requested to identify themselves with a valid ID or passport and to sign the registration list.

All participants received a personalised welcome package, including the programme, participants list, and their name badge. Delegates are provided with colour-coded voting slips indicating their status as representatives of Mandated Organisations (blue) or regular Members (yellow). Delegates holding proxies of other Member organisations are provided with additional corresponding voting slips.

During the sandwich lunch that is provided in front of the main conference room participants make use of the first networking opportunity.

OPENING, 13:00 CEST

Item 01: Welcome and Opening of the General Assembly Meeting #6

The Chair, EOSC-A President Karel Luyben, opens the 6th General Assembly (GA #6) of the EOSC Association AISBL (EOSC-A) and welcomes all participants to the meeting. He explains the approach to the meeting, which is structured into two days:

- Day 1 (22 May 2023) addresses agenda items 01-09; and the informal part that is planned to start at 17:00 CEST.
- Day 2 (23 May 2023) addresses agenda items 10 – 12.

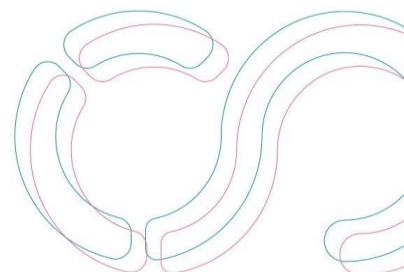
Luyben introduces and thanks the meeting's voting monitors Claire Clivaz, Marek Cebecauer and Lukas Jansen, and introduces the voting procedures: every Delegate, i.e. official representative of a Member organisation, has received colour-coded voting slips in their registration package. Luyben explains that agenda items 02, 05, and 06 will be voted on in an open procedure by means of the delegates raising their respective voting slips.

With 113 of 168 Delegates represented at the opening, the quorum requirements of Art. 3.3 are met.

The Chair also announces that GA #6 will be recorded.

Item 02: Adoption of Draft Agenda

An initial draft of the agenda was shared as early as 3 April 2023 to allow the membership to actively shape the approach to the meeting. In line with Art. 3.2 of the Statutes, the draft agenda was made available on 1 May 2023.



The latest agenda of 15 May 2023, which is part of the registration package, is unanimously adopted by the GA.

Item 03: Admission of new Members and Observers of the Association, incl. short presentation of new organisations

- Paper A - New Members and Observers

The Board notes that 2 Members and 3 Observers have resigned, and 5 Members have changed their status: 1 Member has been appointed as Mandated Organisation, 1 organisation has changed its status from Observer to Member and 3 organisations have changed their status from Member to Observer.

The Board had screened all new applications and has proposed a list of 3 new Members and 4 new Observers which met the requirements for Members and Observers in the EOSC-A Statutes.

The representatives of Provisional Members and Observers that are present in the room (Łukasiewicz Research Network – Institute of Innovative Technologies EMAG (Łukasiewicz-EMAG), Norwegian Research Centre AS (NORCE), Norwegian University of Science and Technology (NTNU), University of Graz, Illes Balears Health Research Institute Foundation (IdISBa), Swiss Institute of Bioinformatics (SIB), and University of Eastern Finland(UEF)) briefly introduce their organisations and motivations to apply for EOSC-A membership. After this, these representatives are asked to leave the room and wait outside for the results of the voting.

The applications are voted on all at once. All applications are approved unanimously.

The representatives outside are asked to return, and the GA welcomes the [new Members and Observers](#). Changed statuses will be updated and new members and observers will be added to the membership webpage of EOSC-A.

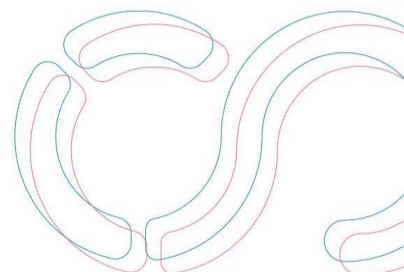
Item 04: Interim Report of the President and the Secretary General

- Paper B – Interim Report of the President and the Secretary General

President Karel Luyben and Secretary General Ute Gunsenheimer present their joint interim report, which covers the past six months since GA #5 in November 2022. The report is structured along the three areas of EOSC-A's 2023 work plan: the EOSC Partnership, the Association itself and the EOSC Focus project, which is coordinated by EOSC-A. Not all activities are presented in detail since they will be covered under dedicated agenda items later in the programme.

The GA takes note of the Interim Report of the President and Secretary General.

Item 05: Annual Accounts 2022 and Discharge of the Board of Directors



- Paper C – Annual Accounts 2022 and Audit Report

EOSC-A Director and Treasurer Klaus Tochtermann presents the Annual Accounts 2022 and Audit Report. Revenue from membership fees for 2022 is totalled at EUR 1.520.000,00, noting that EUR 32.000,00 in fees is still outstanding.

EOSC-A 2022 costs for personnel, offices, financial management, communications, events and travel are calculated against income, resulting in a positive balance of EUR 233.154,48.

An auditor's statement is presented by Mireille Decoster of VRC Auditors attesting to the results as presented with no comments (an "unqualified opinion"). The GA is invited to take note of the Report of the Treasurer and agrees unanimously to discharge the Treasurer, the EOSC-A Board of Directors and VRC Auditors, and to approve the annual accounts 2022.

Item 06: Assessment of Membership Fee Models

- Paper D – Summary Assessment of Membership Fee Models and Proposed Next Steps

EOSC-A Director and Treasurer Klaus Tochtermann presents a summary of the status of the assessment of membership fee models, mandated from GA #4. He presents the most relevant results of the survey distributed among the EOSC-A member base in February and March, stating that only 34% of the total membership base completed the survey.

Due to the low voting rate observed in the survey, the GA is kindly requested to deliberate upon and cast their votes regarding the continuation of the current flat rate membership model. 24 Mandated Organizations and 102 Members are present during the voting of this agenda item with the following results:

- 4 Mandated Organisations and 11 Members abstain from voting, resulting in a voting base (present – abstentions) of 111 in total and 20 Mandated Organisations.
- 4 Mandated Organizations and 8 Members vote against the continuation of the flat rate fee model.
- 16 Mandated Organizations and 83 Members approve the continuation of the flat rate model as it is now structured.

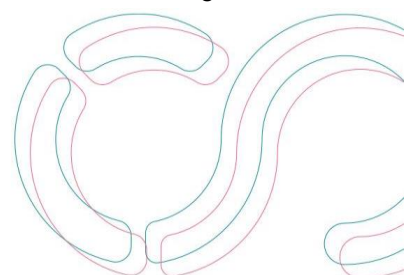
The continuation of the flat rate membership fee model is approved by the General Assembly with a 2/3 majority (99 votes).

The Board will evaluate the discussion on this topic and report back its conclusions.

COFFEE BREAK, 14:30 CEST

CONTINUATION OF GENERAL ASSEMBLY, 15:00 CEST

Item 07: Draft Bylaws / Status and Next steps



- Paper E – Bylaws Status and Next Steps

Suzanne Dumouchel, EOSC-A Director, presents the status of the process for drafting and agreeing the internal rules of procedure of the EOSC Association, the “Bylaws”. The draft bylaws were shared with the member base of the Association on 29 March 2023 and two webinars were organized to introduce the document and open the consultation process. Dumouchel presents the main results of this consultation process.

The latest version of the Bylaws is attached to Paper E and the GA is invited to revise it and provide feedback on this version. The final version of the Bylaws is expected to be approved by the GA at GA #7.

The GA is invited to take note of the next steps for establishing the EOSC Association Bylaws.

Item 08: Up-date on SRIA 1.2 and MAR 2025 - 2027

- Paper F – Multi-Annual Roadmap (MAR) 2025-2027

EOSC-A President Karel Luyben introduces the update on the SRIA 1.2 and MAR 2025-2027, presenting some results of the Association’s consultation on the MAR 2025-2027, and the next steps in its development, including the shaping of call topics for the next Horizon Europe Work Programme.

Members and Observers of the Association are invited to participate in the process of developing the MAR 2025-2027.

The GA takes note of the next steps in the development of the MAR 2025-2027.

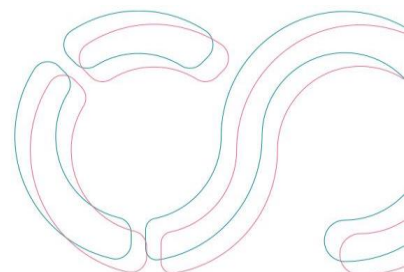
Item 09: Pathway to the Future of EOSC / Panel Discussion

- Paper G – Approach to Panel and Table Discussions

EOSC-A President Karel Luyben explains the approach to the panel discussion, titled ‘Pathway to the Future of EOSC’. The panel includes Volker Beckmann (EOSC-SB, France), Paolo Budroni (ACONET, Austria), Isabel Díaz (CSIC, Spain), Dejan Dvorsek (EC, DG-RTD), Sara Garavelli (EOSC-A), Karel Luyben (EOSC-A), Luděk Matyska (CESNET, Czech Republic), and Dale Robertson (Co-Chair of the Financial Sustainability Task Force). EOSC-A Director Marialuisa Lavitrano moderates the discussion.

Luyben makes a presentation on the ‘Strategic considerations on EOSC and the EOSC Association’, and is followed by EOSC-A Director Sara Garavelli’s presentation, ‘Anchoring EOSC in the countries’, and Co-Chair of the Financial Sustainability Task Force Dale Robertson’s presentation, ‘Addressing the financial sustainability of EOSC’.

Following the introductory presentations, Lavitrano poses some questions to the members of the panel and the GA is invited to participate in the discussion.



Day 1 of GA #6 finishes with a description of the approach to Day 2's Table Discussions by EOSC-A Secretary General Ute Gunsenheimer.

END OF DAY 1

Bus transfer to Botanical Garden in Meise / Guided Tour through Greenhouses and/or Garden / Dinner (17:00 – 21:30 CEST)

Guided tours through the greenhouses, gardens and herbarium are followed by a dinner at the Botanical Garden in Meise (an EOSC-A Observer), with the intention that the delegates can unwind from the meeting and take advantage of the networking opportunity presented by the social occasion.

Day 2, Tuesday, 23 May 2023, 09:00 CEST

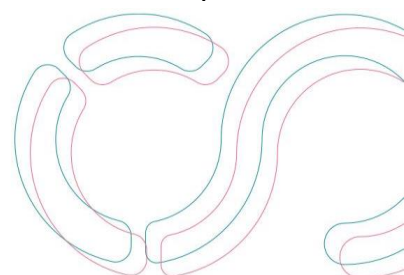
Item 10: Welcome and introduction of the concept of table discussions

The Chair, EOSC-A President Karel Luyben, opens the second day of GA #6 and welcomes all participants to the meeting.

EOSC-A Secretary General Ute Gunsenheimer explains in detail the approach to the Table Discussions, interactive sessions to collect input and points of view from the delegates of the EOSC Association.

There are eight relevant topics (four topics in the scope of Part I and four topics in the scope of Part II) as indicated in *Table 1*. On Day 1 of the GA, each participant was asked to select one topic from Part I and one topic from Part II such that each participant will take part in a total of two topics.

| Table Discussions Part I |
|--|
| EOSC vision and roles |
| Engagement: who is EOSC for? What is the role of intermediaries? |
| EOSC scope and technical implementation |
| EOSC relevant policies and strategic initiatives |
| Table Discussions Part II |
| Deploying and operating the EOSC EU node: <ul style="list-style-type: none">The new technologies that are being created and implemented need to be continually tested to ensure EOSC is fit-for-purpose |
| Maintaining and updating the EOSC EU node and expanding the EOSC federation as a System of Systems: <ul style="list-style-type: none">Encourage transition towards machine-actionable repositories by requirement in the EOSC Rules of Participation |
| Develop, prototype and test new elements supporting the evolution of the EOSC Core and Exchange and the tools enabling the EOSC federation: |



| |
|--|
| <ul style="list-style-type: none"> Develop a user driven mechanism to determine a selection of most needed horizontal and thematic services, which can serve (as a pilot) for the centrally financed service portfolio for the period after Horizon Europe |
| Enable a 'web of FAIR data and service' for science: <ul style="list-style-type: none"> Advance the technical specifications to support digital objects to be FAIR and evaluate viable options to adopt the concept of FAIR digital objects for operational data services |

Table 1. Topics of Table Discussion I and II

A moderator and a rapporteur are appointed to each discussion table and the discussion tables have 60 minutes to discuss each of their two topics.

Item 11: Table discussions / Part I (60')

- Paper G: Approach to Panel and Table Discussions

SHORT COFFEE BREAK / CHANGE OF TABLES (10:15 CEST)

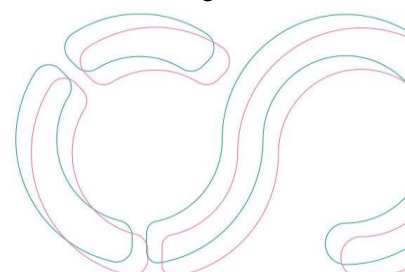
Item 11: Table discussions / Part II (60')

COFFEE BREAK (11:30 CEST)

Item 11: Table discussion / Part III (Reporting)

Master Rapporteurs (Table 2) are assigned to each topic and present a summary of the main outcomes of each topic.

| Topic | Master Rapporteur |
|---|-------------------|
| EOSC vision and roles | Ari Asmi |
| Engagement: who is EOSC for? What is the role of intermediaries? | Mark Johnson |
| EOSC scope and technical implementation | Ignacio Blanquer |
| EOSC relevant policies and strategic initiatives | Sara Garavelli |
| Deploying and operating the EOSC EU node: <ul style="list-style-type: none"> The new technologies that are being created and implemented need to be continually tested to ensure EOSC is fit-for-purpose | Bob Jones |
| Maintaining and updating the EOSC EU node and expanding the EOSC federation as a System of Systems: <ul style="list-style-type: none"> Encourage transition towards machine-actionable repositories by requirement in the EOSC Rules of Participation | Jan Meijer |
| Develop, prototype and test new elements supporting the evolution of the EOSC Core and Exchange and the tools enabling the EOSC federation: <ul style="list-style-type: none"> Develop a user driven mechanism to determine a selection of most needed horizontal and thematic services, which can serve | Dale Robertson |



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| (as a pilot) for the centrally financed service portfolio for the period after Horizon Europe | |
| Enable a 'web of FAIR data and service' for science: <ul style="list-style-type: none">• Advance the technical specifications to support digital objects to be FAIR and evaluate viable options to adopt the concept of FAIR digital objects for operational data services | Niklas Blomberg |

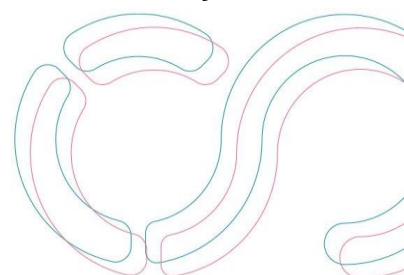
Table 2. Master Rapporteurs of each topic

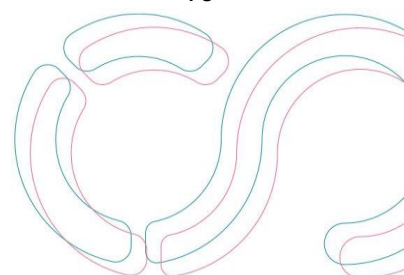
The main outcomes of each topic are collected in this [link](#) and the report of the table discussions are attached to this document as Appendix 1.

Item 12: Closing of General Assembly #6

President Luyben expresses his warm thanks to all the participants in GA #6 for their attendance and engagement, and to those responsible for the meeting's organisation. Luyben then closes the meeting.

LUNCH / END OF GA #6 (13:00 CEST)





Item 11: Table Discussions / Part III



Overall 8 topics for discussion

| Session | Topic | Colour |
|---|--|--------|
| Part I 9:15 - 10:15 (1 hour) | EOSC vision and roles | BLUE |
| | Engagement: Who is EOSC for? What is the role of intermediaries? | YELLOW |
| | EOSC scope and technical implementation | PINK |
| | EOSC relevant policies and strategic initiatives | RED |
| Part II 10:30 - 11:30 (1 hour) | Deploying and operating the EOSC EU node | GREEN |
| | Maintaining and updating the EOSC EU node and expanding the EOSC federation as a System of Systems | ORANGE |
| | Develop, prototype and test new elements supporting the evolution of the EOSC Core and Exchange and the tools enabling the EOSC federation | PURPLE |
| | Enabling a 'web of FAIR data and service' for science | BLACK |
| Part III 12:00 – 12:50 (50 mins) | Reporting - Plenary | |

EOSC positioning in the landscape

- Being cross-disciplinarity and cross-border is the (almost) unique aspect of EOSC.
- Should combine social ,economic and technical aspects
- EOSC not a “thing” or a set of rules/services but a higher principle (similar to common market): “a quality research ecosystem without borders”
- EOSC is a process to transfer research to open science and open practices. EOSC can also build an organised process for creating new open science developments.
- Federation: the challenge is to define the level of federation (national, European, global) on different aspects.
- EOSC is «Necessary but not sufficient»

Bring the elements of Hard/Soft elements of EOSC together (most of the current vision is on soft services: facilitation, discussions etc),they need to be built together (making hard if needed).

EOSC is not only an infrastructure, but the whole environment and policy environment around it.

Procurement is the Federation pilot to demonstrate the potential - not end of “hard” services.

- Commercial service provisions can create risks - could EOSC provide soft service on guidance on these? Maintaining healthy competitive environment.

EOSC will improve National RoI in open science.

Who are the members? Researchers/ RPOs/MSs???

Should member states be the actual members?

Added value: What can the EOSC actually give to them? Need for specificity for EOSC services and operations. **Coordination of national investments, with small amount of “glue” and patches where needed.** Who are the key stakeholders in the member states?

EOSC should also be **multilingual** and close(r) to the member states. **Building national competences - EOSC can provide the template.**

- None of the individual European countries have the resources or means to become global leader - but Europe together can. Motivation for member states to participate.

How can EOSC serve the disciplinary communities? What are the the issues across the countries / international level th

Concreteness of EOSC needed in 2024. The services define the vision and users. **We need build healthy conflict and a process to solidify the services**

➔ “EOSC is a quality research ecosystem without borders”

Engagement

EOSC is for researchers BUT they shouldn't need to be most knowledgeable about EOSC – role for intermediaries

EOSC is for all European researchers but (i) need global perspective and (ii) emphasis on 'low-hanging fruit' i.e. specific domains where the benefits of open science can be clearly demonstrated

→ duality of EOSC now vs in the future

→ EOSC does well in promoting OS and FAIR but what does it do beyond that?

Materials for intermediaries are important: slides, networks, exchange, good practices

Intermediaries: i.e. data stewards who connect between EOSC and researchers - need perspectives and recognition

Simple language is important! Create a clear narrative and path forward for EOSC

Open Science and FAIR principles still need to be facilitated

- A participation over 40 people in total
- EOSC definition
 - The association should work towards one narrative of EOSC. EOSC can't be everything, but there must be a connection between the technical side of EOSC and the vision.
 - EOSC MVE diagram by layer is misleading.
 - Do we have something left in the “EOSC is not”? - some criticism on the slide.
 - EOSC is not a Cloud stricto sensu, but a federation of various infrastructures is often called a cloud.
 - EOSC as a federation not as a constellation.
- MVE vs. EOSC EU Node concept
 - Node term is misleading, as in some communities it is considered as national implementations.
 - Community-specific international nodes (with a top-down further structure) are key.

EOSC scope and technical implementation

- So many competing data infrastructures exist and lead to complexity in making them interoperable.
 - Guidance needed.
 - Need to define / adopt well documented standards and ask the communities for reference implementation.
 - AAI is a good example with initial work to survey the needs of communities that led to a well documented standard implementation (AARC BPA), that has been implemented by the communities.
 - Especially important in this wide ecosystem of data (EOSC, Data Spaces, EU Missions, ERICs, etc.)
 - Interoperability across disciplines is a challenge.
- Use cases
 - Use related to trust.
 - The EOSC-A should collect use cases, taking into account the national practices.
- EOSC Core functionality beyond what is in the MVE
 - Higher-level services can be implemented (as national or thematic catalogues, Discovery tool for EOSC-labelled, etc.) if standardisation is achieved (policy and technical)
 - Data Quality evaluation (partially automatic, partially community-driven)
 - User experience is key, high-level natural language interfaces for discovering data.

1. Policies:

1. EOSC-A should prioritize the most relevant policies (we cannot address everything at the same time and EOSC-A is not the "deus ex machina")
2. Reform for research assessment; ERA; OS policies and legislations related to data (e.g. Data Governance Act) are considered priorities
3. In not all the cases EOSC is leading the development of those policies; EOSC-A should better clarify at what level we want to influence/contribute to those policies (clearer strategies are needed) and identify the right partners (e.g. CoARA, CONOSC, etc.)
4. EOSC could determine policies to provide evidence on the impact of data sharing and reuse of data; anything else?
5. MOs could act as proof of concept for policy implementation
6. Need to add a global approach for interaction with the rest of the world on the principle of reciprocity

2. Strategic initiatives

1. Data spaces, Gaia X and EuroHPC are considered relevant strategic initiatives. The EOSC A could develop position papers (maybe that could be the scope for the next Task Forces?)/ Need for clear policies regarding interaction with Data spaces, Gaia X and commercial interests
2. GAIA X has mobilised important investments in some countries; GAIA-X are interested in reusable modules from EOSC; EOSC might be interested in generic modules/capabilities to be identified in GAIA-X; we should keep the contact with GAIA X
3. EuroHPC: the upcoming call on HPC and data federation could provide complementary resources to EOSC. Improving bidirectional dialogue at formal level is critical given increasing overlap
4. We should be more active in the data spaces because all of them have elements related to research. We should leverage on the members of the EOSC A involve in both initiatives.

23/05/2023 | 10:30 – 11:30 | Table discussions part 2

| Topic | Discussion items | Colour |
|---|---|--------|
| Deploying and operating the EOSC EU node (Core, Exchange, FAIR Data Federation) | <ul style="list-style-type: none">• what are the different activities that need to be sustained after 2027 for Task 1?• what could be the most suitable funding mechanism in the future?• who should be funding and managing the activities?• what could be an eventual role for the EOSC Association (in its current form or with a different legal setup)? | GREEN |

Table 4 and tables 5 & 6 (merged)

eosc Major points raised by all tables independently

- Many participants were not aware of the planned EOSC EU node
- The EU node is the Federating node and should operate ONLY the functions necessary for the federation (AAI, security, etc)
 - Avoids issues of budget allocation by countries/disciplines to existing infrastructures
 - Avoid questions for what happens to the stored data at the end of the procurement contract
 - Long time preservation of data- eu node does not cover probably. Who will take the responsibility?
 - The “federated” elements should be national / thematic / regional nodes (institutions are not directly federated with the central node, they will go through the regional/national/ thematic nodes)
 - Iteratively connect/onboard other nodes (starting with the most advanced/ready) to connect with the EU node
- Architecture of the EU node needs to be defined, documented and reviewed

Maintaining and updating the EOSC EU node and expanding the EOSC federation as a System of Systems (Task 2)

- Encourage transition towards machine-actionable repositories by requirement in the EOSC Rules of Participation

- EU-node?
- EOSC = sharing of FAIR data at scale
 - access to data, not grabbing the data
- Requires common practical rules
- Joint commitment of EC & M



Develop, prototype and test new elements supporting the evolution of the EOSC Core and Exchange and the tools enabling the EOSC federation (Task 3)

- Develop a user driven mechanism to determine a selection of most needed horizontal and thematic services, which can serve (as a pilot) for the centrally financed service portfolio for the period after Horizon Europe

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| Table 3 | <ul style="list-style-type: none"> - In addition to sustaining services, such as PIDs, new innovations, such as SOLID pods, are needed - User-Centric-Design to facilitate access to all EOSC services - EOSC AISBL to become a public or public/private body to meet future challenges |
| Table 7 | <ul style="list-style-type: none"> - the body managing the selection of services needs to be focussed/narrow enough - perhaps not the EOSC-A as it is today - need a mechanism to assess the relevance/value of services being funded |
| Table 11 | <ul style="list-style-type: none"> - need a requirement gathering and analysis process, possibly also landscaping - evaluation committee required - should be part of the EOSC Core - demand-driven, not supply-driven: purpose is to serve the community - EOSC-A as the coordinator/enabler of the process - but evaluation committee members should be MS representatives |
| Table 15 | <ul style="list-style-type: none"> - voice of the researchers very important - e.g. should there be a Scientific Advisory Board? - continuous need for actions to support the web of FAIR data - address citizen science - address societal challenges - EOSC-A has a vital role to play in coordinating future funding - next WP needs to support stakeholders' capacity building across communities |

Enabling a 'web of FAIR data and service' for science

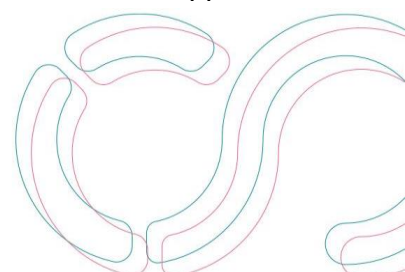
- Role of EOSC and / or EOSC Association
 - Provide framework for interoperability rooted in communities
 - Research assessment reform and incentives
 - Catalogue of exemplars
- People – training, support, incentives
 - Investments in people and capacity (national, institutional)
 - Training programmes
 - Role of data stewards – need for good curriculum
- Standards, metadata, curation
 - FAIR by design
 - Role of repositories
 - Connection to RDA (and other standard bodies) adoption of outcomes
- Value, outcomes, exemplars
 - Sovereignty
 - Capture reuse and the value of FAIR data reuse
 - Sustainability – prioritize resources
 - Sustainability – make sure that good things are not lost

Timelines – now (until 2027) – long-term (post 2027)

Appendix 2. List of participants GA #6

Status of 6/06/2023

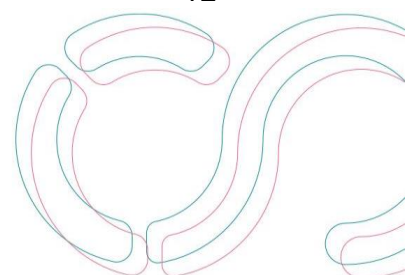
| Acronym | Organisation | Membership Status | Country |
|------------------|---|-----------------------|---------------|
| ACC Cyfronet AGH | Academic Computer Centre CYFRONET of the AGH University of Science and Technology | Member | Poland |
| ACONET Verein | Verein zur Förderung eines österreichischen, wissenschaftlichen Datennetzes | Mandated Organisation | Austria |
| ALBA-CELLS | Consorcio para la Construcción, Equipamiento y Explotación del Laboratorio de Luz de Sincrotrón | Member | Spain |
| APM | Agentschap Meise Botanic Garden | Observer | Belgium |
| ARNES | Akademsko in raziskovalna mreža Slovenije | Mandated Organisation | Slovenia |
| Athena RC | Athena - Research and Innovation Center in Information, Communication and Knowledge Technologies | Member | Greece |
| BBMRI-ERIC | Biobanking and BioMolecular resources Research Infrastructure - European Research Infrastructure Consortium | Mandated Organisation | Austria |
| Belnet | Belgisch telematica-onderzoeksnetwerk - Réseau télématique belge de la recherche | Mandated Organisation | Belgium |
| BITP | Bogolyubov Institute for Theoretical Physics of the National Academy of Sciences of Ukraine | Mandated Organisation | Ukraine |
| BSC-CNS | Barcelona Supercomputing Center - Centro Nacional de Supercomputación | Member | Spain |
| CERIC-ERIC | CERIC-ERIC | Member | Italy |
| CERN | European Organization for Nuclear Research | Member | International |
| CESAER | Conference of European Schools for Advanced Engineering Education and Research | Member | Belgium |
| CESGA | Fundacion Publica Gallega Centro Tecnológico de Supercomputación de Galicia | Member | Spain |
| CESNET | Zájmové sdružení právnických osob | Mandated Organisation | Czechia |
| CESSDA | Consortium of European Social Science Data Archives | Member | Norway |
| Chalmers | Chalmers tekniska högskola Aktiebolag | Member | Sweden |
| CIEMAT | Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas | Member | Spain |
| CLARIN ERIC | CLARIN ERIC | Member | Netherlands |
| CNR | Consiglio Nazionale delle Ricerche | Member | Italy |
| CNRS | National Center for Scientific Research | Member | France |
| CPU | Conference Des Presidents D'universite | Member | France |
| CREAF | Centro de Investigación Ecológica y Aplicaciones Forestales | Member | Spain |
| CSIC | Spanish National Research Council | Mandated Organisation | Spain |



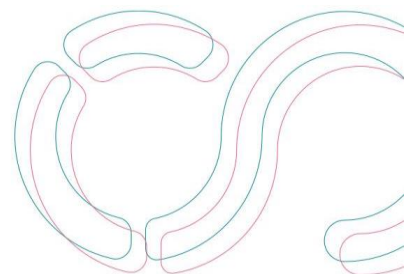
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| DANS | Data Archiving and Networked Services - Royal Netherlands Academy of Arts and Sciences (KNAW) | Member | Netherlands |
| DARIAH ERIC | Digital Research Infrastructure for the Arts and Humanities | Member | Germany |
| DFG | Deutsche Forschungsgemeinschaft (German Research Foundation) | Member | Germany |
| DFN-Verein | Verein zur Förderung eines Deutschen Forschungsnetzes | Member | Germany |
| DLR e.V. | Deutsches Zentrum für Luft- und Raumfahrt e.V. | Observer | Germany |
| DTU (DeiC) | Technical University of Denmark (DTU) - Danish e-Infrastructure Cooperation (DEIC) | Mandated Organisation | Denmark |
| EBRAINS AISBL | EBRAINS AISBL | Member | Belgium |
| ECMWF | European Centre for Medium-Range Weather Forecasts | Observer | United Kingdom |
| EFMI | European Federation for Medical Informatics | Observer | Spain |
| EGI | EGI Foundation | Member | Netherlands |
| ELETTRA | Elettra-Sincrotrone Trieste S.C.p.A. | Member | Italy |
| Elsevier | Elsevier B.V. | Member | Netherlands |
| EMBL | European Molecular Biology Laboratory | Member | International |
| EMS | European Mathematical Society | Member | Portugal |
| EOSC Steering Board | EOSC Steering Board | Guest | |
| ERINHA AISBL | European Research Infrastructure on Highly Pathogenic Agents | Observer | France |
| ESA | European Space Agency | Member | Netherlands |
| ESF | European Science Foundation | Observer | France |
| ESRF | European Synchrotron Radiation Facility | Member | France |
| ESS | European Spallation Source | Member | Sweden |
| ESS ERIC | European Social Survey European Research Infrastructure Consortium | Observer | United Kingdom |
| ETH Zürich | Eidgenössische Technische Hochschule Zürich (ETH) / Swiss Federal Institute of Technology in Zurich | Mandated Organisation | Switzerland |
| EUA | European University Association | Observer | Belgium |
| EUDAT | EUDAT | Member | Finland |
| EURO-BIOIMAGING | EURO-BIOIMAGING ERIC | Mandated Organisation | Finland |
| EuroFIR AISBL | European Food Information Resource AISBL | Observer | United Kingdom |
| EC | European Commission | Guest | |
| FAIR | Facility for Antiproton and Ion Research in Europe GmbH | Observer | Germany |
| FCSE, UKIM | University Ss Cyril and Methodius in Skopje, Faculty of computer science and engineering | Member | North Macedonia |
| FCT | Foundation for Science and Technology | Mandated Organisation | Portugal |
| FECYT | Fundación Española para la Ciencia y la Tecnología | Member | Spain |
| Frontiers | Frontiers | Observer | Germany |
| FWO | Fonds Wetenschappelijk Onderzoek Vlaanderen (Research Foundation Flanders) | Member | Belgium |
| FZJ | Forschungszentrum Jülich GmbH | Member | Germany |

EOSC Association AISBL

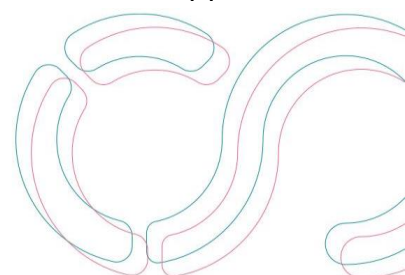
Rue du Luxembourg 3, BE-1000 Brussels, Belgium
+32 2 537 73 18 | info@eosc.eu | www.eosc.eu
Reg. number: 0755 723 931 | VAT number: BE0755 723 931



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| GARR | Corsortium GARR Association (Gestione Ampliamento Rete Ricerca) | Mandated Organisation | Italy |
| GEANT | GÉANT Association | Member | Netherlands |
| GENCI | Grand Equipement National de Calcul Intensif | Member | France |
| GFF | GO FAIR Foundation | Member | Netherlands |
| GRNET | National Infrastructures for Research and Technology | Mandated Organisation | Greece |
| HEAnet | HEAnet CLG | Mandated Organisation | Ireland |
| ICI Bucharest | Institutul National de Cercetare-Dezvoltare in Informatica | Mandated Organisation | Romania |
| IdISBa | Health Research Institute of the Balearic Islands | Provisional Observer | Spain |
| ILL | Institute Max von Laue - Paul Langevin | Member | France |
| INAF | Istituto Nazionale di Astrofisica - National Institute for Astrophysics | Member | Italy |
| INFN | Istituto Nazionale di Fisica Nucleare | Member | Italy |
| IPB | Institute of Physics Belgrade | Member | Serbia |
| INRAE | National Research Institute for Agriculture, Food and Environment | Member | France |
| INSERM | Institut national de la santé et de la recherche médicale / National Institute for Health and Medical Research | Member | France |
| Instruct-ERIC | Instruct Integrated Structural Biology Infrastructure in Europe | Member | Spain |
| ISF | The Israel Science Foundation | Observer | Israel |
| JHI | J. Heyrovsky Institute of Physical Chemistry of the Czech Academy of Sciences | Observer | Czechia |
| Karolinska Institutet | Karolinska Institutet | Member | Sweden |
| KIFU | Governmental Agency for IT Development (Kormányzati Informatikai Fejlesztési Ügynökség) | Mandated Organisation | Hungary |
| KIT | Karlsruhe Institute of Technology | Member | Germany |
| KU Leuven | KU Leuven | Member | Belgium |
| LU | Lund University | Member | Sweden |
| Łukasiewicz-EMAG | Łukasiewicz Research Network – Institute of Innovative Technologies | Provisional Member | Poland |
| MIK | Miller International Knowledge | Member | Spain |
| MU | Masaryk University | Member | Czechia |
| NARD | National Agency for Research and Development | Member | Moldova |
| NCN | National Science Centre | Mandated Organisation | Poland |
| NFDI | Nationale Forschungsdateninfrastruktur e.V. | Mandated Organisation | Germany |
| NHMW | Naturhistorisches Museum Wien (Natural History Museum Vienna) | Member | Austria |
| NIB | National Institute of Biology | Observer | Slovenia |
| NORCE | Norwegian Research Centre AS | Provisional Member | Norway |
| NTK | National Library of Technology | Member | Czechia |
| NTNU | Norwegian University of Science and Technology | Provisional Member | Norway |
| ObsParis | Observatoire de Paris - PSL | Member | France |
| OpenAIRE | OpenAIRE | Member | Netherlands |



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| OPERAS | Open scholarly communication in the European Research Area for the Social Sciences and Humanities | Member | Belgium |
| POLIMI | Politecnico di Milano | Member | Italy |
| POLITO | Politecnico di Torino | Member | Italy |
| PRACE | Partnership for Advanced Computing in Europe | Member | France |
| Premotec | Premotec GmbH | Member | Switzerland |
| RASH | Rrjeti Akademik Shqiptar | Mandated Organisation | Albania |
| RCN | Research Council of Norway | Mandated Organisation | Norway |
| RDA | Research Data Alliance | Observer | Belgium |
| Red.es | Entidad pública empresarial | Member | Spain |
| RSU | Rīga Stradiņš University | Member | Latvia |
| SE | Science Europe | Observer | Belgium |
| SIB | Swiss Institute of Bioinformatics | Provisional Observer | Switzerland |
| Sikt | Norwegian Agency for Shared Services in Education and Research | Member | Norway |
| SISSA | Scuola Internazionale Superiore Di Studi Avanzati | Member | Italy |
| SLU | Swedish University of Agricultural Sciences | Member | Sweden |
| SNS | Scuola Normale Superiore | Member | Italy |
| SNSF | Swiss National Science Foundation | Member | Switzerland |
| Sofia University | Sofia University "St.Kliment Ohridski" | Member | Bulgaria |
| SPARC | SPARC Europe | Observer | Netherlands |
| SRCE | University of Zagreb Computing Centre | Mandated Organisation | Croatia |
| SU.SE | Stockholm University | Member | Sweden |
| SURF | Coöperatie SURF u.a. | Mandated Organisation | Netherlands |
| SWITCH | SWITCH | Member | Switzerland |
| TG | Technopolis Consulting Group Belgium | Observer | Belgium |
| TIB | TIB Leibniz Information Centre for Science and Technology | Member | Germany |
| TU Graz | Graz University of Technology | Member | Austria |
| TU Wien | Technische Universität Wien | Member | Austria |
| TUBITAK ULAKBIM | Scientific and Technological Research Council of Turkey - Turkish Academic Network and Information Center | Member | Turkey |
| UC.PT | University of Coimbra | Member | Portugal |
| UDC | University of Coruña | Member | Spain |
| UEFISCDI | Unitatea Executiva pentru Finantarea / Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii | Member | Romania |
| UGent | Ghent University | Member | Belgium |
| UGOE | Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts | Member | Germany |
| UHasselt | Hasselt University | Member | Belgium |
| UiB | University of Bergen | Member | Norway |
| UiO | Universitetet i Oslo | Member | Norway |
| UiT | The University of Tromsø | Member | Norway |
| UL | Université de Lorraine | Observer | France |
| UM.FR | Université de Montpellier | Member | France |



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|------------------------|---|-----------------------|-----------|
| UmU | Umeå University | Member | Sweden |
| UNIBO | Alma Mater Studiorum - Università di Bologna | Member | Italy |
| UNIFE | Università degli Studi di Ferrara | Member | Italy |
| UNIMIB | Università degli studi di Milano-Bicocca | Member | Italy |
| UNIPD | Università degli studi di Padova | Member | Italy |
| Unistra | University of Strasbourg | Member | France |
| Unito | Università degli studi di Torino | Member | Italy |
| UNITUS | University Of Tuscia | Member | Italy |
| Universiteit Antwerpen | Universiteit Antwerpen | Member | Belgium |
| UNIVIE | Universität Wien (University of Vienna) | Member | Austria |
| UNIWARSAW | University of Warsaw | Member | Poland |
| UP | Université Paris Cité | Member | France |
| UPB | University Politehnica of Bucharest | Member | Romania |
| UPN | Université Paris Nanterre | Member | France |
| UPO | Università del Piemonte Orientale | Member | Italy |
| Uppsala University | Uppsala University | Member | Sweden |
| UPSaclay | Université Paris-Saclay | Member | France |
| UT | University of Tartu | Mandated Organisation | Estonia |
| VLIR | Vlaamse Interuniversitaire Raad | Observer | Belgium |
| VMU | Vytautas Magnus University | Observer | Lithuania |
| VPC | Augstākās izglītības un zinātnes informācijas tehnoloģijas koplietošanas pakalpojumu centrs | Mandated Organisation | Latvia |
| VR | Vetenskapsrådet - Swedish Research Council | Mandated Organisation | Sweden |
| VSU-TUO | Technical University of Ostrava | Member | Czechia |
| VUB | Vrije Universiteit Brussel | Member | Belgium |
| ZBW | Leibniz Information Center for Economics | Member | Germany |

