

Report on RDA plenary side events

21, 22 October, 2019

Helsinki



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 823852

RDA plenary co-located events

LIMITED SEATS. REGISTER NOW.

EOSC SERVICES, COLLABORATIONS & RDA

21 October 2019 | 12:00 - 16:00
RDA Plenary 14 side event, Helsinki | Espoo, Finland

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RDA RESEARCH DATA ALLIANCE SSHOC EOSC-Life ENVRI FAIR ESCAPE panosc

ESFRI Cluster Projects. RDA. EOSC.

RDA P14 side event to discuss commonalities and collaborative solutions for community research data services

21 October, 12.00 - 16.00, Helsinki

- participation of ESFRI cluster projects, RDA Working and Interest Groups, and EOSC representatives
- focusing on the technical, social and governance issues
- <https://www.sshopencloud.eu/eosc-services-collaborations-and-rda>



EOSC Services, collaboration & RDA

• Questions for Connecting to Communities	
• 1	• Describe the communities that your project aims to connect to
• 2	• How do you engage with them? How can a member of the community be involved? (type of activities/timeline)
• 3	• Do you provide any training through your project?
• 4	• Do you see synergies with other relevant projects and how do you explore them?

EOSC Services, collaboration & RDA

- CLARIN has taken good advantage of their collaboration with the RDA, they are implementing many of RDA recommendations and they find it very useful. In case we wanted to approach RDA, we could ask CLARIN about their experience.
- There is an urgent need for coordination between the five cluster projects. Some of them are already interacting very efficiently. ENVRI (presented by Ari Asmi) has funds dedicated for joint activities with the clusters, but it seems we (and others) are not responsive.
- New coordination meeting between clusters after the EOSC symposium that will be held in Budapest in November 26-28 (28-29)
(<https://www.eoscsecretariat.eu/eosc-symposium>)



EOSC Services, collaboration & RDA

- The meeting should be focused on **concrete actions**: working meeting
- SSHOC proposed a possible work plan to achieve this: to analyse all the technical developments foreseen in the project and see how these overlap among clusters and with other initiatives. They have already done so (and they presented it), the reference person is Daan Broeder from CLARIN.
- SSHOC is working closely with EOSC Hub and they encouraged everyone to “onboard” the tools developed. They use this term to incorporate tools in the EOSC Hub marketplace. This is the way to share whatever is developed and make it available to a wider community.



EOSC Services, collaboration & RDA

- There was a discussion on sustainability: according to some of the participants, the EC proposes in a draft report to create a legal entity for managing the EOSC
- This draft document raised different opinions and apparently in its present version is not widely accepted. The proposal is to follow these developments as close as possible since also PaNOSC sustainability will depend on it.



RDA plenary co-located events



The banner for the EOSC Event at the RDA Helsinki Plenary. It features the EOSC secretariate.eu logo and the RDA Research Data Alliance logo. The main text reads: "The International Research Data Community contributing to EOSC". Below it, a subtitle states: "This EOSC Event at the RDA Helsinki Plenary is an integral part of the EOSC Stakeholder Forum". The event details are listed as "22nd October 2019, 9:00 - 17:00" and "Helsinki, Finland". In the background, there is a photograph of the Helsinki Cathedral. The European Open Science Cloud logo is visible in the top right corner of the image area.

- Organised by the EOSC secretariat, in collaboration with EOSC Governing board and RDA

- Plenary session streamed:
<https://www.eoscsecretariate.eu/international-research-data-community-contributing-eosc/simulcast>



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International Research Data Community Contributing to EOSC

- **EOSC Vision:**
Introduction to the role of different bodies (EOSC Governing board, executive board, EOSC Secretariat, EOSC stakeholder)
- **progress report and latest outputs of working groups**

Current issues of the GB

Strawman report (Sustainability WG)

-> explore possible means for sustaining the European Open Science Cloud beyond 2020 (financing model: core and market places, legal vehicle, governance structure, regulatory and policy environment of the EOSC)

Strategic partnership

- Options: Co-programmed/Co-funded partnership
- Agree on MoU /contractual arrangement -> common vision, possible contributions of MS and EU, incentives

-> Discussion process and active involvement of scientific community on MS and EU level is vital for the success



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International Research Data Community Contributing to EOSC

- Next steps towards EOSC



Workplan: Key outputs from the Working Groups

- Agreed and tested Rules of Participation (*RoP WG*)
- Analysis of the existing national infra and policies (*Landscape & Sustainability WG*)
- Financing model, legal entity & post 2020 governance structure (*Sustainability WG*)
- Operational federating core and initial services (*Architecture WG*)
- Initial set of EOSC data and services (*Architecture WG*)
- EOSC Interoperability Framework (*FAIR, Architecture and RoP WGs*)
- Persistent Identifier policy (*FAIR and Architecture WGs*)
- Metrics for FAIR data and repository certification (*FAIR WG*)



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International Research Data Community Contributing to EOSC

- Next steps towards EOSC

Possible core functions for 'EOSC' in 2020+



- Develop and govern federating core
- Manage compliance framework
- Manage trusted certification
- Manage EOSC trademark(s)
- Implement PID policy guidelines
- Develop outreach to stakeholders
- Contribute to Horizon EU policy
- Monitor services and transactions



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International Research Data Community Contributing to EOSC

- Panel with representatives from Canada, Australia, Japan, Nigeria, EC from DG RTD and DG CONNECT

Brussels | 03 Dec 2019 | Members Only

Opening the Science Cloud to the World

A private Science|Business Cloud Consultation Group meeting



How can the European Open Science Cloud be integrated into the global scientific ecosystem? What principles should guide the EOSC's interactions with third countries and what are the processes required to make that happen? In this private meeting, the S|B Cloud Consultation Group will reflect on the EOSC's position in the global system.

Featured Guests Information



Kostas Glinos
Head of Unit, Open
Science, DG Research



Karel Luyben
Chair, EOSC Executive
Board; former Rector

- G7 in 2017 approved an expert document on Open Science, agreeing on a rewards/incentives policy in research careers and data infrastructure

-> International dimension of the EOSC



International Research Data Community Contributing to EOSC Architecture:

The discussion of the WG was centered on **persistent identifiers** and **interoperability**.

- PIDs:

Freya recently delivered a document with 6 principles on policy for PIDs, which is taken by the EOSC secretariat as the reference for PIDs. There is a general agreement that there is granularity and it will continue to exist (many providers of PIDs). This is also seen as positive in terms of resilience. But a solution needs to be developed in a way that the EOSC works, independently on the provider of the PID.

Priority: machine understandable PIDs handling; it needs to work automatically, should not require human intervention.



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- Interoperability framework

Identified as the most challenging aspect by the FAIR WG. Interoperability is required at different levels, comprising all layers (technical, semantic - metadata, ontology, organisation, legal)

FAIR

the FAIR WG discussed FAIR in practice. They identified technical barriers to the implementation: interoperability is the most difficult one. Accessibility is an issue for non-specialists, user friendly solutions should be developed for those who are not native IT users (life sciences, cultural heritage, etc).



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FAIR (continuation)

- Certification: There was a discussion on what could/should be certified and by whom. What could be certified: Many things, what should be certified: as less as possible. The group identified the following as the necessary certifications: Repositories (e.g. Core Trust seal), fairness of data (more than one certifying authority), veracity of data. Regarding this last point, it is not clear who should be in charge, and there were several proposals: certification of data by other users, by the RI (data producer), by peer review or by the EOSC. It seems the group did not reach a consensus.



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Landscape

They identified the need to talk about the **global dimension** and include in the landscaping exercise large national repositories (like national libraries). The landscape group has gathered all the information regarding national (European) policies and is about to deliver a first report, by the end of the year.



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Rules of participation

This WG discussed the minimum set of rules that should be defined for the EOSC.

Access to the EOSC data and services: the WG concluded there should be a registration for the access to resources, with different information required according to the kind of resources accessed.

quality vs value: metrics about the value of resources should be available to the EOSC users in a transparent way. Not clear what these metrics should be, further discussion should address this topic.



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Rules of participation (continuation)

There should be limits on service or resource providers: some filtering is needed. The EOSC should keep quality standards.

Finally, **data discovery access points**. There was no consensus on whether it would be better from the user point of view to have only one centralised access and discovery point in the EOSC portal or many (keeping the existing ones to which users from the different international communities are used).



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Sustainability

The discussion was centered on the minimum standard set of services the EOSC should offer and the global dimension (how to engage/federate international RIs). There was consensus in many of the sub-WGs that if the EOSC will become global, we should start discussing about compatible technical solutions and agree on policies (at the government level). The cluster projects were mentioned as key actors in the sustainability of the EOSC, since they should work as demonstrators of the concept, with the rest of the RIs following their good example.



International Research Data Community Contributing to EOSC

Sustainability (continuation)

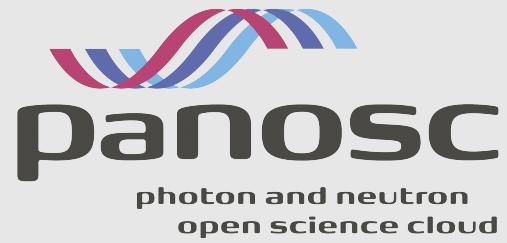
The EC believes that once ESFRIs start sharing their data, other RIs will follow so they have high hopes for the cluster projects. For this reason, they insist in the coordination among cluster projects -> co-located EOSC coordination day, a follow up of the meeting in Brussels in September.



co-located event: Nov 28-29

EOSC COORDINATION DAY





Thank you

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