Call:

Optimising (RDA) Open Science Frameworks and Guidelines in the context of EOSC – Round 2

Provider:

EOSC Future

Category of call:

Research Data Alliance

Opening date:

12 December 2022 - 12:00 am CET

Closing date:

27 February 2023 - 04:00 pm CET

For whom:

Individuals or Organisations

Max per grant:

€12.500

Description:
Read the description

This call invites applications from research groups, including the [RDA groups](#), to demonstrate how RDA-developed data sharing concepts and solutions can be reused, optimised and implemented in the EOSC context, particularly in the context of the European Open Science Cloud (EOSC) [Portal Catalogue and Marketplace](#). EOSC is building a federated infrastructure to support Europe's data output and works to enable the discovery and re-use of FAIR research data. In this context RDA plays a key role to underpin new and existing pathways to sharing research data. Many specifications [already exist](#) in RDA for data sharing and these can be refined and further developed via this call.

A wide range of activities – including promotional, analysis and technical documentation activities – can be funded through this call (described in more detail in section "*What types of activities can be funded?*").

Context and Background

RDA provides an open forum where solutions are discussed and experiences are shared via its global community. EOSC is a new concept for many research communities and work still needs to be done to understand and enable data sharing and re-use across the research lifecycle, by making content FAIR and discoverable via a federated system such as EOSC. RDA is running a series of calls, as part of the EOSC Future project, to further enable integration and take up of EOSC services. The purpose of these RDA Open Calls is to engage the data sharing community from a bottom up approach to contribute their know-how to EOSC. This call specifically targets small projects to show implementation and take-up of existing outputs and specifications, specifically those that the

RDA community has enabled. The call aims to support and encourage adoption of existing RDA [outputs and recommendations](#) which can benefit the community around EOSC and to promote new examples and lessons learnt. See a list of currently funded RDA/EOSC Future Open Call projects [here.](#)

The scope is wide-ranging and projects should be short, and focused for a period of three months.

This call is closed

Meet the grantees

Enhancing Usability and Contributability of RDA DMP Common Standard for Machine-Actionable DMPs

What:

The current RDA DMP Common Standard specification have several issues affecting its usability and possibility for others to contribute. Mainly, not having a single source of truth in the specification causes issues with consistency and community contributions. There are also other issues related to making new releases of the standard, or its website.

Who:

Marek Suchánek - double - degree PhD candidate at the Faculty of Information Technology, CTU in Prague as well as Faculty of Business and Economics, University of Antwerp

Biography:

Scientific Domain:

Software Engineering / Data Stewardship

Your Domain specific Engagement:

The engagement is mainly through DMP Common Standards WG and Active Data Management Plans IG within RDA. The groups consist of key stakeholders such as DMP platform owners. From the researchers point of view, RDA and EOSC Focus Groups of ELIXIR can be involved.

Your Promotion and Networking:

Promotion of domain specific Open Science practices/EOSC/RDA at meetings and conferences, publications and presentations.

The initial plans will be already discussed during RDA 20th Plenary. Then, additional discussion with (partial) work done will take place at the next RDA Plenary/Plenaries and possibly also the EOSC Symposium 2023. Within the WG and IG of RDA related to DMPs, webinar and online discussion will be scheduled based on needs for the development and results dissemination.

The project's activities and outputs are [featured on the RDA website](link).

Your Connection to RDA WG/IG or CoP:

Co-chair of RDA DMP Common Standards WG

Member of Discipline-specific Guidance for Data Management Plans WG, RDA in Czech Republic, Open Science Graphs for FAIR Data IG, and Active Data Management Plans IG

Your Outputs:

https://orcid.org/0000-0001-7525-9218

Country:

Czech Republic

Pursuing the growth of knowledge through global access to hardware for science

What:

The ambition of The Open Science Hardware community, is to support the pursuit and growth of knowledge through global access to hardware for science. Open
Science Hardware means sharing designs for scientific hardware that anyone is freely able to use, modify and commercialize. The success depends in part on the

Who:

Freyja van den Boom, MSc is a multidisciplinary researcher interested in anticipatory governance of emerging technologies

Biography:

Scientific Domain:

cross-disciplinary research on regulating emerging technologies, AI and Data governance

Your Promotion and Networking:

Promotion of domain-specific Open Science practices/EOSC/RDA at meetings and conferences, publications and presentations Including International

- During the RDA IG meetings and by setting-up a special working group within my own network to share insights and opportunities with.
- 2023 Open Hardware Summit to present the project and actively gather a group of experts in the field to further work with.
- International Data Week 2023 in Salzburg: present findings for discussion and feedback
- EOSC Symposium in Madrid in September 2023
- Contact relevant groups and communities for sharing insights,interviews and feedback on the recommendations, discuss uptake opportunities incl with the OSHW-certification
- Monitor events in Europe relevant for contributions (national events, meet-ups, conferences) And the events and meetings related to the EOSC.
- Actively organize to present the work and (draft) findings within the relevant communities to obtain feedback and discuss adoption.
- Inspire the interview/survey participants to become ambassadors to help improve adoption.

The insights from the interviews and follow-up discussions will provide actionable insights for the Research Data Alliance and the FAIR4RH IG in particular on the adoption of the FAIR4RH principles, for the Open Hardware (OSHW) community to become involved in and have guidance on making data available according to the FAIR

principles, and for the EOSC-Future project to help achieve its aim for a "Web of FAIR Data and services" for science in Europe by gaining insights from the experiences of researchers with the EOSC portal and marketplace.

The research will be documented and shared with the IG and presented for feedback at relevant future opportunities such as the thematic workshop series to commemorate 'A Decade of Data: Celebrating 10 Years of the RDA; Upcoming RDA Plenaries and events such as the International Data Week 2023 in Salzburg.

I am also a member of GOSH and OSHA and will continue to work towards building bridges and sharing knowledge between our various communities who share the same goal.

After the project ends I will remain involved in the IG and continue to present and promote the findings, the FAIR principles, RDA and EOSC by submitting abstracts for conferences and publications to further strengthen and align the different communities with a shared goal to promote open data for research. Further opportunities are provided through my involvement with GOSH (https://openhardware.science/events/) and for example aligning with the OSHWA Certification, which provides an easy and straightforward way for producers to indicate that their products meet a uniform and well-defined standard for open-source compliance.

The project's activities and outputs are [featured on the RDA website](#).

Your Connection to RDA WG/IG or CoP:

As an active member of the Research Data Alliance (RDA), I have been involved in various working groups and discussions related to legal and ethical challenges for open science research. I have proposed and actively participated in several interests and working groups to contribute my knowledge in the field of data governance, regulation, ethics, and research and science communication. have been a co-chair of the Privacy Implications of Research Data Sets Interest Group and the Teaching TDM on Education and Skill Development Working Group. I am a member of the Legal Interoperability IG and relevant for this research of the FAIR for Research Software group and IG for defining FAIR principles for research hardware

Your Outputs:

2+ publications (incl (zine)little guide/poster for researchers how to do it FAIR)
2+ Social media/ blog posts
2+ Conferences (posters/presentations)
Contribution to the OSHWA best practices
(https://www.oshwa.org/sharing-best-practices/

Country:

The Netherlands

FAQs

Who can apply?

In this context, this call is seeking applications from individuals or organisations related to improving existing technical data frameworks while at the same time leveraging on existing RDA recommendations and outputs. Successful proposals should focus on maintaining, optimising and documenting existing approaches with particular reference to RDA's [Outputs and Recommendations](#). Special attention should be given to mapping out how to adapt the approaches in the context of EOSC and make relevant documentation available. Proposals are expected to articulate a future vision, for example of how future communities can easily operationalise the frameworks.

Applicants should be working at the vanguard of data or research infrastructure activities in a specific research domain or cluster of domains. Preference in scoring applications is given to active RDA community members.

What type of activities can be funded?

Successful applications should consider existing recommendations and whether further documentation is needed, for example: Is the guidance up to date, and ready for operationalisation; what communities can be involved to update it; are they aligned to new emerging standards, global or European; how do these work in a specific disciplinary context. The aim is to leverage on community resources and review the existing processes for implementation.

The following outcomes should be considered in successful applications:

- Analysis of existing RDA technical documentation and if it is fit for purpose, where it can be optimised in the context of EOSC.
- RDA Recommendations: promoting existing recommendations within a disciplinary community with the aim of data sharing in a federated system such as EOSC, for example integration into horizontal or disciplinary infrastructures and interfaces and implementation scenarios for the EOSC [federating core](#).
- Translating a RDA recommendation into a technical document or a manual and set out how future communities can use it.
- Facilitating a workshop to discuss and compare EOSC Future technical components in an international context.
- Technical solutions or design studies demonstrating the suitability of the EOSC catalogue and marketplace for the long-tail of research data.
- Global approaches including the RDA's Global Open Research Commons initiative.

This programme is designed to support the engagement of disciplinary groups and take up of services. RDA welcomes applications from people or groups who are committed to RDA, FAIR-ification of data. These can be junior/senior researchers, mid-career data professionals, and data scientists. They can be based in research groups or institutions, or SMEs across Europe, provided they meet the criteria below. Each grant will be awarded for 12,500€ and a total of 2 grants with this focus will be awarded. Work has to be completed by September 2023, the end of the EOSC Future project.

How to apply?

The project proposals will need to be submitted by using "apply now" on this EOSC Future Funding platform. You will have to describe your project plan, coals, milestones and intended impact in some detail. A consortium consisting of several organisations can apply, but a single legal needs to act as a contractual partner.

You need to submit your application by 20/2/2023 at 16:00.

RDA welcomes applications from people or groups who are committed to RDA, sharing of data, and FAIR-ification[1] of data. These can be junior/senior researchers, mid-career data professionals, and data scientists and anyone working on national or community interoperability guidelines. They can be based in research groups or institutions, or SMEs across Europe, provided they meet the criteria below.

[1] FAIRification **comprises of 15 guiding principles outlined by Wilkinson et al (2016) which are aimed at enhancing the findability, accessibility, interoperability and reusability of data**. It is a way of connecting and harnessing the power of data being generated to maximize its utility.21 Nov 2022 (Wikipedia)

How we will evaluate your proposal?

Criteria and conditions

- Applicants should demonstrate that they have been or are currently involved in RDA as an active member, participant, chair or contributor to a WG or IG especially in the last 12-18 months.
- Be proactive and willing to contribute to RDA recommendations or outputs testing and adoption particularly in European institutions.
- Have a good understanding of EOSC, the FAIR movement.
- Reside and/or work in a EU country or associate countries.

Further conditions

- This call is not open to members of the EOSC Future consortium. Staff working on the EOSC Future project (i.e. directly funded through a beneficiary (its department or unit executing EOSC Future activities), as a LTP or seconded personnel) are not eligible to apply for grants under the RDA Open Calls and will be asked to tick a Declaration of Honour box upon application.
- Applicants must declare in the application form they do not receive from other European Union project for similar activities. If you are unsure, please contact us.
- If the evaluator's institution applies for an RDA Open Call, the evaluator should declare their conflict of interest in reviewing the application.
- All successful applicants will have to provide a plan for a sound dissemination of the outputs created, openly licensed as per RDA's recommendations that outputs are licensed as CC-BY or CC0. A mid-term and final term report will be submitted, following a contractual agreement, highlighting progress, use cases and lessons learned.
- All results will be made available on the RDA site for 4 years. Successful applicants may be asked to share their details (photo, bio) for dissemination purposes.
- The work will need to be completed within 3 months within receipt of award.

How your application will be evaluated: These are the criteria and weighting

Your proposal will take into account the RDA Guiding principles and demonstrate commitment to it. Proposals should drive the principles of openness and community activities.

Candidates will be asked to submit an application that will be evaluated according to the following criteria:

1. **Excellence**:
   - A statement describing the commitment to the vision of EOSC, the FAIR movement, national Open Science agendas (implementation), links to European data infrastructures or similar federated infrastructures. (25%)
   - A brief summary of previous and current activities demonstrating the applicant's involvement and contributions to RDA related activities, Working/Interest Groups, development and/or promotion and/or adoption of RDA Recommendations and Outputs in European Institutions. (25%)
2. **Impact**: Sustainability and impact potential of the proposal and how this can be carried forward within the context of EOSC and RDA. Applicants should put forward plans for continuing the work beyond the funding period. (25%)
3. **Implementation** (quality and efficiency):
   - A summary of the proposed existing framework, how it is relevant to RDA. Outline the scenario for optimisation and update, the relationship to and impact on EOSC, and how an accompanying technical update can be created. Methodology of application. The proposal must be thought through, well-written, clear and demonstrate the methodology works (25%)

Evaluators:

The applications will be evaluated by experts with insights to the RDA and group recommendations who have no conflict of interest (the applicant is not employed by the evaluator's organisation nor is/are the recommendation(s) a direct result of their work).

Word limit for applications

The word limit for your application will be via fields in a form each with a specific word limit. You can start with an application and save it in the system to return to it later. You are allowed to upload accompanying documentation, e.g., project plan and methodology.

This call is closed