# RDA cross-disciplinary adoption in support of EOSC #2

**Aim of this call**

This call invites research groups from different or across disciplines who wish to share their data, have it combined with other data and make it more visible by using the services of the EOSC portal. Work under this call should improve the understanding of the requirements per discipline with regards to cross-disciplinary FAIR data sharing and (re)use, by leveraging RDA standards, outputs and recommendations.

Outcomes should ideally demonstrate one or two of the following:

- How research disciplines or cross-disciplinary collaborations have leveraged an RDA standard or recommendation in managing and sharing research data.
- Publish a detailed overview of the challenges to sharing data within a discipline, suggested solutions and requirements.
- Demonstrate use of discipline-specific metadata standards and how to make research data FAIR within a certain discipline or across disciplines.
- Pilot sharing of research data across disciplines and the needed metadata standards, highlighting interoperability issues.
- Integration of research data into existing data catalogues and subsequent integration into the EOSC portal.

The call encourages disciplinary and cross-disciplinary research groups for whom data publishing is not yet mainstream to understand what is involved to register and share their data also with other disciplines via research data catalogues. Awardees should practically demonstrate and record how they have implemented an RDA standard, recommendation or outcome for this purpose.

**Background**

The European Open Science Cloud (EOSC) is a major European initiative to foster Open Science and harmonize and integrate key European research, computing and data infrastructures for new digital ways to do science.

One of the over-arching goals of EOSC Future is to foster a common understanding of Open Science, FAIR data and services and added value of EOSC for user communities working within and beyond their disciplinary boundaries. The Strategic and Research Innovation Agenda of EOSC reiterates this by stating EOSC can support cross-disciplinary research through the exchange and interoperability of research data. To develop this concept further, existing standards for research data management, such as currently available from RDA results, should be tested and adapted for use across disciplines in the EOSC context.

The Research Data Alliance (RDA) is a major international initiative to standardize and respond to research data related challenges globally. RDA has a global membership of over 12.000 experts, and has a 10-year track record on bringing these experts together to provide concrete research data solutions for scientists, repositories and scientific organisations. RDA provides an open forum where research communities, data science experts, and infrastructure builders and managers discuss shared experiences and work on solutions, in particular interoperability solutions.

**Why these calls?**

RDA is running a series of calls in the context of the EOSC Future project, to further enable integration and take up of EOSC services. The purpose of the grants is to support research communities working in RDA in their endeavour to contribute to EOSC, with a particular focus on involving communities not yet involved in EOSC Future or other EOSC activities.

EOSC is a new concept for many research communities and these calls provide an opportunity for a deeper understanding and enabling a two-way communication and collaboration around the EOSC initiative and the EOSC core and associated services.

**Financial Contribution**

The RDA Open Calls programme will offer up to 4 grants of maximum €50.000,00 per grant to support the work in this area over the course of the EOSC Future project.

**Who can apply?**

This programme is designed to support cross-disciplinary adoption cases in the context of EOSC. RDA welcomes applications from people or groups who are committed to RDA, FAIRification of data and Open Science. These can be junior/senior researchers, and data scientists and can be based in research groups or institutions, or SMEs across Europe, provided they meet the criteria below. Please check with the RDA Grants team RDA Open Calls: rda-opencalls@rda-foundation.org for clarification of your status, if you are unsure.

**Criteria and conditions**

- Applicants should demonstrate that they have been or are currently involved in RDA as an active member, participant, chair or contributor or member of a Working Group or Interest Group. Activity in the last 12-18 months is considered a major advantage.
- Be proactive and willing to contribute to RDA recommendations or outputs testing and adoption particularly in European institutions.
- 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 linked third party 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.

- All successful applicants will have to provide a plan for a sound dissemination of the outputs created, openly licensed. 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 website for 4 years. Successful applicants may be asked to share their details (photo, bio) for dissemination purposes.
- The contracted work will need to be completed within 6 – 9 months within receipt of award.
- One grant max per organisation is allowed, however this call could accept complementary applications from different organisations.

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

1. Excellence:
a. A statement describing the goal and motivation of the proposed work aligned with a commitment to the vision of EOSC, the FAIR movement, national Open Science agendas (implementation), links to European data infrastructures or similar federated infrastructures. (25%)
b. 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:
a. Benefit cross-disciplinary collaboration and the community around EOSC
b. Contribution to EOSC i.e., RDA output(s) made useful in EOSC
c. Relevance for EOSC Future e.g., proposed core-service use or contribution to the EOSC Interoperability Framework [ref]
d. 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 expected uptake and maintenance. Methodology of application: The proposal must be thought through, well-written, clear and demonstrate the methodology works. (25%)
3. Implementation (quality and efficiency):
a. A summary of the proposed work, how it is relevant to RDA. Outline the activities planned and associated timeline, the relationship to and impact on EOSC, and how an accompanying technical update can be created. (25%)

Please note, your proposal should take into account the RDA Guiding principles and demonstrate commitment to them. Proposals should drive the principles of openness and community activities.

The EOSC Future Grants Committee will also consider the following criteria to establish balanced and diverse distribution of the grants: geographical balance, gender balance, preference to candidates in underrepresented fields within RDA.

**Evaluators:**

The applications will be independently 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.