

Call:

**RDA Open Call for cross disciplinary science adoption grants #2**

Provider:

**EOSC Future**

Category of call:

**Research Data Alliance**

Opening date:

**15 July 2022 - 12:00 am CET**

Closing date:

**15 September 2022 - 04:00 pm CET**

For whom:

**Organisations**

Max per grant:

**€50.000**

Description:

Read the description

**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

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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.

This call is closed

# Meet the grantees



# RĪGA STRADIŅŠ UNIVERSITY

## **Implementing FAIR principles in the field of Occupational safety and health (OSH)**

### **What:**

The project team aims to implement FAIR principles in practice by transforming collected research data (2006 - 2022) in the field of Occupational safety and health (OSH).

### **Who:**

Ingmars Kreismanis is a research project coordinator responsible for RDM in Riga Stradins University (RSU).

### **Biography:**

**Scientific Domain:**

Scientific Domain Occupational Health and Safety

**Your Promotion and Networking:**

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

**Country:**

Latvia



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## **Creating and adopting a set of recommendations for improving cross-disciplinary FAIR data sharing in wind energy**

### **What:**

The goal of this project is to create and adopt a set of recommendations for improving cross-disciplinary FAIR data sharing in wind energy. This is desperately needed in the wind energy industry, and a lack of data sharing is one of the largest barriers to reducing costs of wind energy and contributing to the world's ambitious net zero goals.

### **Who:**

Sarah Barber, Head of Wind Energy Innovation Division at the Eastern Switzerland University of Applied Sciences

### **Biography:**

### **Scientific Domain:**

Wind energy

### **Your Promotion and Networking:**

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

### **Country:**

Switzerland



## **Data practices in an interdisciplinary perspective - building good standards and universal solutions**

### **What:**

The project specifies the overview and challenges of data sharing practices in four scientific disciplines - architecture, civil engineering, economics and natural language processing.

### **Who:**

- Anna Wałek (Project Investigator), Library Director of the Gdańsk University of Technology Library
- Magdalena Szuflita-Żurawska (Project Co-investigator), Leader of the Open Science Competence Center

**Biography:**

**Scientific Domain:**

Interdisciplinary

**Your Promotion and Networking:**

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

**Country:**

Poland





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## **Implementation of a "no code" method for schema-to-schema data transformations for interoperability**

### **What:**

Enqwyre will provide an intuitive "no code" method for schema-to-schema data transformations for interoperability, and restructuring messy digital data into user-defined metadata schemas. It supports research data collaboration, recovery of non-interoperable data into machine-readable formats, and ensuring source data provenance.

### **Who:**

Gavin Chait leads product development on data-driven software services, and researching methodology for improving data curation, interoperability, analysis, release, and management.

### **Biography:**

### **Scientific Domain:**

Data Science

### **Your Promotion and Networking:**

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

### **Country:**

France





## **Design concepts for Registry Services used for Controlled Vocabularies curation regarding x-domain and co-creation aspects**

### **What:**

Open Science enables and simultaneously requires a much higher level of interoperability and sustained and reliable semantic concepts for data-driven processes on observations, experiments, or scalable data ensembles.

### **Who:**

- Chris Schubert, Head of Media Management and Library-IT, Vienna University of Technology, Library
- Romain David, Data Steward and Researcher at ERINHA AISBL (European Research Infrastructure on Highly Pathogenic Agents)
- Richard Dennis, Research Consultant - Data Steward, Novo Nordisk Foundation Center for Stem Cell

Medicine - reNEW University of Copenhagen

- Katharina Schleidt, CEO DataCove, Vienna
- Heimo Rainer, Deputy Head of Botany Department at the Natural History Museum Vienna

**Biography:**

**Scientific Domain:**

Geo-Science, Biodiversity, Ecological Engineering, IT & Data Consultant

**Your Promotion and Networking:**

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

**Country:**

France, Denmark



## **A FAIR-enabling citation model for Cultural Heritage Objects**

### **What:**

The aim of this project is to design an interoperable and FAIR-enabler citation model applicable to digital objects in the Cultural Heritage sector.

### **Who:**

- Cristiana Bettella, Metadata and Electronic Resources Services coordinator at the Digital Library Department of the University of Padua Library Centre
- Mauro Apostolico, Research Support and Repository Librarian at the Digital Library Department of the University of Padua Library Centre
- Linda Cappellato, works on Digital Collections at the Digital Library Department of the University of Padua

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#### Library Centre

- Yuri Carrer, focussed on digital objects at the Library System of the University of Padua
- Gianluca Drago works at the Digital Library Department of the University of Padua Library Centre
- Giulio Turetta, Digital Services Librarian at the Digital Library Department of the University of Padua Library Centre

#### **Biography:**

#### **Scientific Domain:**

Digital Humanities, Heritage Science, Library and Information Studies, Computer and Information sciences

#### **Your Promotion and Networking:**

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

#### **Country:**

Italy

### **FAQs**

#### **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, FAIR-ification 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](mailto: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.

Have a good understanding of EOSC, the FAIR movement.  
Reside and/or work in a EU country or associate countries.

### How to apply?

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

1. Excellence:
  1. 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%)
  2. 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:
  1. Benefit cross-disciplinary collaboration and the community around EOSC, as well as reference to the global context and interoperability
  2. Contribution to EOSC i.e., RDA output(s) made useful in EOSC
  3. Relevance for EOSC Future e.g., proposed [core-service use](#) or contribution to the [EOSC Interoperability Framework](#) [ref]
  4. 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):
  1. 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.

### **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.

### **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 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.

This call is closed