



RDA Global & RDA Europe

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Vision

Researchers and innovators openly share data across technologies, disciplines, and countries to address the grand challenges of society.

Mission

RDA builds the **social and technical bridges** that **enable open sharing** of data.

THE RESEARCH DATA ALLIANCE

www.rd-alliance.org

building the social and technical bridges that enable open sharing of data

47 FLAGSHIP OUTPUTS

including 8 ICT Technical Specifications

100+ ADOPTION CASES

across multiple disciplines, organisations & countries

93 GROUPS WORKING ON GLOBAL DATA INTEROPERABILITY CHALLENGES

36 Working Groups
57 Interest Groups

10,895 INDIVIDUAL MEMBERS FROM 144 COUNTRIES

69% Academia & Research
14% Public Administration
11% Enterprise & Industry

52 ORGANISATIONAL MEMBERS 11 AFFILIATE MEMBERS



The technical heart of RDA ... 93 groups

Working Groups

- develop and implement tools, policy, practices & products for data management that are adopted and used by projects, organisations, communities
- TIMING: 12-18 MONTHS
- TOTAL: 36 Working Groups

RECOMMENDATIONS: Concrete deliverables - "Running code", tools, standards, etc.

Interest Groups

- focus on solving a specific data sharing problem and identifying what kind of infrastructure needs to be built.
- TIMING: as long as group is active
- TOTAL: 57 Interest Groups

OUTPUT: Possibly case statements for new WGs, guidelines, best practice, etc.



RDA Recommendations & Outputs

RECOMMENDATIONS

Equivalent of the “specifications” or “standards” that other organisations create and endorse.

of which 8 approved standards & 4 under evaluation

SUPPORTING OUTPUTS

Outputs of RDA WGs and IGs that are fruit of RDA work, but are not necessarily adoptable bridges.

OTHER OUTPUTS

Anything a WG or IG wants to register and report, e.g. workshop reports, articles, survey results, etc.

100+ adoption cases

rd-alliance.org/recommendations-outputs/adoption-recommendations

rd-alliance.org/recommendations-outputs/adoption-stories



Supporting the COVID-19 emergency

- In late March 2020, RDA received a direct request from the EC to create global guidelines and recommendations for data sharing under COVID-19 circumstances
- Over 600 data professionals and domain experts signed up and began work in early April 2020
- A rich set of detailed guidelines to help researchers and data stewards follow best practices to maximise the efficiency of their work, and to act as blueprint for future emergencies have been produced together with recommendations to help policy makers and funders to maximise timely, quality data sharing and appropriate responses in such health emergencies

RDA COVID 19 WG

rd-alliance.org/groups/rda-covid19

RDA Recommendations and Guidelines on Data Sharing for COVID-19

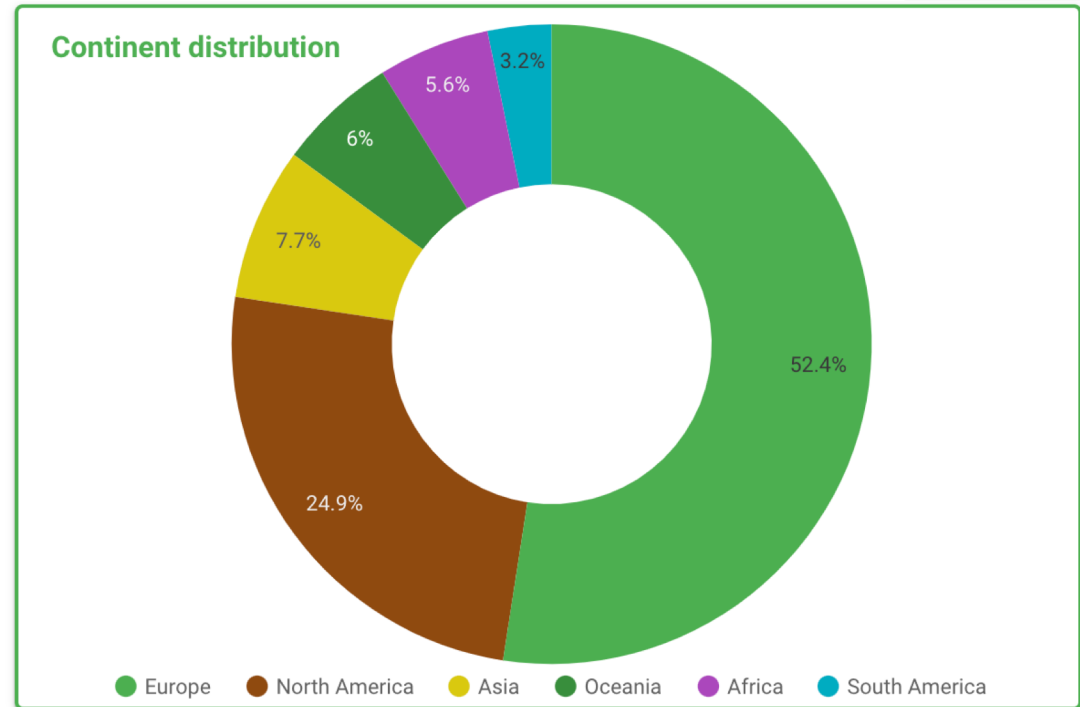
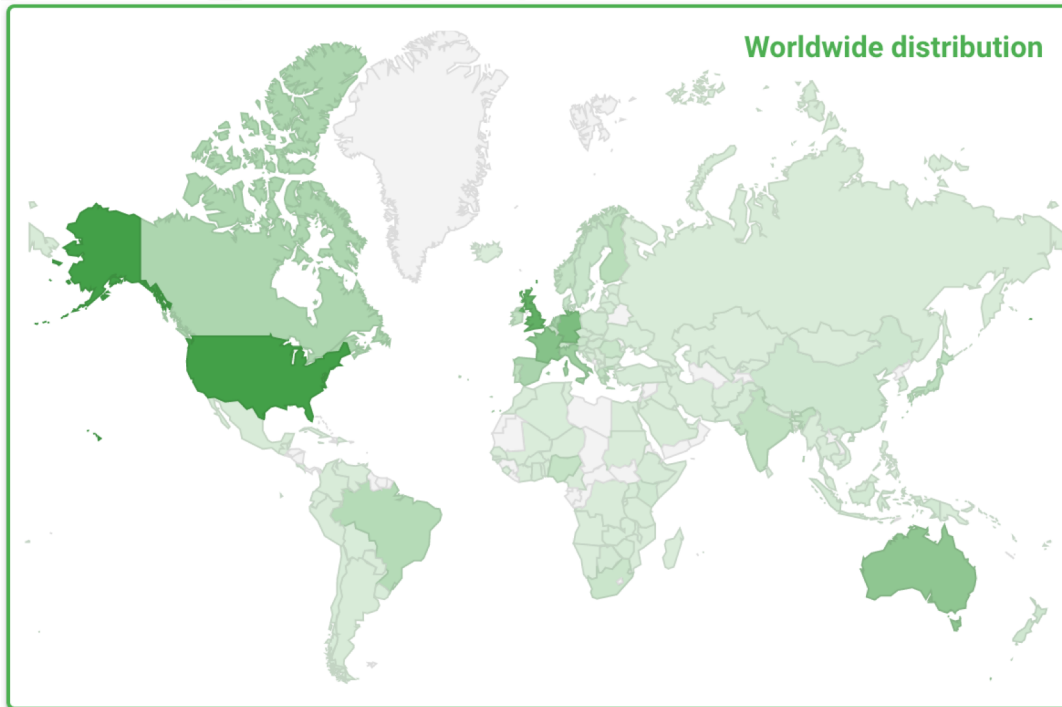
rd-alliance.org/global-research-data-alliance-community-response-global-covid-19-pandemic#Supporting

Final Recommendations & Guidelines

<https://doi.org/10.15497/rda00052>



Who is RDA – Geographical Distribution



10,895 RDA members from 144 different countries



RDA Europe 4.0

● *The European chapter of the Research Data Alliance*

● Main objectives:

- To support the engagement & growth of RDA community in Europe
- To contribute to the adoption of RDA recommendations & outputs
- To drive the process of RDA ICT Technical Specifications in Europe
- To supports the European Open Science Cloud (EOSC) & FAIR building the links with the international community
- To support the path for future sustainability of RDA in Europe

Person effort: 181,9 PMs

Maximum Grant Amount:
€3,500,000

31 months: March '18 –
Sep '20

● 5 beneficiaries

● 9 national nodes

● 21% of budget
dedicated to cascading
grants



Engaging the RDA community in EU

Early Careers	Experts	Ambassadors	Adopters	National Nodes
Each grant up to €1.750	Each grant up to €1.800	Each grant up to €7.000	Each grant up to €15.000	€462.000 to be distributed
4 waves 	4 waves 	2 waves 	1 wave 	3 waves
<ul style="list-style-type: none"> » July - September 2018 » December - February 2019 » June - August 2019 » December - February 2020 	<ul style="list-style-type: none"> » July - September 2018 » December - February 2019 » June - August 2019 » December - February 2020 	<ul style="list-style-type: none"> » September - November 2018 » February - April 2019 	<ul style="list-style-type: none"> » October - December 2018 	<ul style="list-style-type: none"> » May - August 2018 » January - April 2019 » June - September 2019
<ul style="list-style-type: none"> » Participate actively in RDA Plenary meetings. » Dissemination RDA Plenary Outcomes. 	<ul style="list-style-type: none"> » Participate actively in RDA Plenary meetings. » Dissemination RDA Plenary Outcomes. 	<ul style="list-style-type: none"> » Thought leaders RDA communities called to facilitate communication and engagement with data practitioners and organisations. » Reflect back from RDA Communities to inform RDA's future agenda. 	<ul style="list-style-type: none"> » Carry out small scale projects to demonstrate take-up of RDA's outputs and ICT Technical Specifications. 	<ul style="list-style-type: none"> » Engage with research community. » Support national agendas. » Contribute to the EU Open Science Strategy. » Increase the uptake of standards and participation in RDA globally.

Open calls for individuals/ organisations

751,000 €
dedicated to
cascading grants



Success behind Cascading grants mechanism from EU contributors

Early Careers

- Over 30 granted ECRs
- From more than 10 different EU countries
- Over 10 different disciplines covered (Materials engineering, History & Archaeology, Biological sciences, social sciences, etc.)

Experts

- Over 25 granted experts
- From more than 10 different EU countries
- Over 10 different disciplines covered (Chemical sciences, HPC, Earth & related environmental sciences, etc.)

National Nodes

- 13 new nodes (overall 22 nodes)
- 13 new countries

External Evaluators

- Over 50 applications received
- 19 selected evaluators

Ambassadors

- 29 applications received
- 12 granted experts (+2 part of the project)
- 14 different disciplines covered
- 8 countries

Adoption Grants

- 13 applications received
- 6 adoption grants
- Adopted RDA outputs (PIDs, Data Type Model & Registry, Workflows for Research Data Publishing, FAIRshairing Registry & Recs, etc.)
- 6 countries

Over 250 applications received



RDA EU 4.0 ambassadors

- distinguished and well-connected domain experts
- to develop a two-way communication and engagement channel: promoting RDA outputs and perspectives on one hand while streamlining insights and practical contributions from domain focused data communities into the work of RDA, on the other
- The activities focus on the highlighting the value of RDA and the impact of collaboration for all those involved

rd-alliance.org/rda-disciplines/rda-europe-ambassadors

Wouter Addink
Naturalis Biodiversity Center

Natural Sciences

Anne Cambron-Thomsen
CNRS, Inserm and University Toulouse III Paul Sabatier

Health Sciences and research Ethics

Rene van Horik
DANS

Humanities

Fiona Murphy
Independent Consultant

Media and Communications

Nikola Vasiljevic
Technical University of Denmark, DTU Wind Energy

Engineering and Technology
Wind energy

Julien Barde
Institute for Research and Development (IRD)

Marine Sciences/
Fisheries

Caterina Caracciolo
Food and Agriculture Organization of the UN

Agricultural Sciences

Eva Méndez
Universidad Carlos III of Madrid

Interdisciplinary Research

Fotis Psomopoulos
Institute of Applied Biosciences (INAB/CERTH)

Bioinformatics

Shaun de Witt
UKAEA

High energy physics/
Fusion

Ricarda Braukmann
Data Archiving and Networked Services (DANS)

Social Sciences

Sébastien Denvil
CNRS / IPSL

Earth Sciences
Climate modelling

Ingvill Constanze Mochman
GESIS-Leibniz Institute for the Social Sciences and Cologne Business School

Sustainable Development Goals

Ana Slavec
InnoRenew CoE

Engineering/Renewable Materials



The RDA Europe 4.0 node network (1/2)

● *RDA Europe 4.0 nodes: **Single organisations, or a group of organisations**, representing **one or more countries**, committed to support research data policies at national or regional level, promoting research data management best practices and solutions and actively engaged in the Research Data Alliance.*

● **Main objectives:**

- To support data research at a national/local level, promoting the RDA vision and results, ensuring capillary uptake of RDA principles
- To synergise with national, European & global organisations in concrete actions to facilitate uptake of RDA recommendations and principles
- To act as a central contact point between national/regional data practitioners and RDA, interacting with national research funding bodies
- To contribute to the definition of European data policies and to the establishment of EOSC
- To contribute to the definition of RDA's strategy and participate in RDA processes

9 initial nodes:

- > [RDA in Finland – CSC](#)
- > [RDA in France - CNRS](#)
- > [RDA in Germany - MPCDF](#)
- > [RDA in Greece - Athena RC](#)
- > [RDA in Ireland - NLI](#)
- > [RDA in Italy - CNR-ISTI](#)
- > [RDA in Netherlands - DANS](#)
- > [RDA in Spain - BSC](#)
- > [RDA in United Kingdom - STFC](#)



The RDA Europe 4.0 node network (2/2)

3 calls to fund a further 13 nodes (Tot. funding available 462,000€)

- [RDA in Austria](#)
- [RDA in Bulgaria](#) - [Sofia University, St. Kliment Ohridski](#)
- [RDA in Croatia](#) - [University of Zagreb, University Computing Centre](#)
- [RDA in Czech Republic](#) - [Plan4all](#)
- [RDA in Denmark](#) - [Danish e-Infrastructure Cooperation, DeIC](#)
- [RDA in Estonia](#) - [University of Tartu](#)
- [RDA in Hungary](#) - [Hungarian Academy of Sciences, Institute for Computer Sciences and Control, SZTAKI](#)
- [RDA in Lithuania](#) - [Kaunas University of Technology, KTU](#)
- [RDA in Norway](#) - [Norwegian Centre for Research Data, NSD](#)
- [RDA in Portugal](#) - [INESC TEC](#)
- [RDA in Romania](#) - [Executive Agency for Higher Education, Research, Development and Innovation Funding, UEFISCDI](#)
- [RDA in Slovenia](#) - [SOCIAL SCIENCE DATA ARCHIVES, ADP](#)
- [RDA in Sweden](#) - [Swedish National Data Service, SND](#)





Contributing to the adoption of RDA recommendations & outputs

6 adoption grants

- ✓ 23 Things Revisited: Field guides to research data management
- ✓ A model of data integration related to wheat genetic resources and resistance to Fusarium head blight
- ✓ CCCA Subset & Dynamic Data Citation Service
- ✓ Improving the Copernicus Climate Data Store metadata scheme with the "RDA metadata standards repository"
- ✓ The road to a Hungarian national data publishing policy
- ✓ Template for reproducible, shareable and achievable data analysis

18 European Adoption stories produced so far in the context of the EU project (+ 4 in the editing process)

rd-alliance.org/recommendations-outputs/adoption-stories



RDA Global Adoption week

Slides and Recordings available



- Over 900 registered people
- Daily webinars provided an opportunity to learn about RDA Outputs and engage with speakers from all around the world who created and implemented them.
- Presentations were organised around five themes from the research data lifecycle, as used in the RDA recommendations and outputs catalogue.



RDA & EOSC

The **European Council Conclusions** on [Shaping Europe's Digital Future](#), approved on 9 June 2020, states that “**open science principles and Research Data Alliance recommendations are useful for supporting the decision-making authorities in promoting a flexible common approach for the collection, processing and availability of data**” and welcomes this in the context of the development of EOSC. This is a very significant occurrence and a very important recognition from one of the highest European Union bodies of the work of RDA.

● With its over 10K members (50% from Europe) and 25+ domain research groups, RDA is the **strategic partner to represent the data community in EOSC** and to achieve **progress in thematic areas** that need to have a global approach

● RDA is the context where **existing EOSC initiatives** (EOSC-hub, OpenAIRE, FREYA, GO FAIR, etc.) **can collaborate on best practices** among themselves and international partners, and EOSC approaches can be promoted

● Via the consolidated process of the RDA ICT Specs (8 ready for publications) RDA can facilitate **bringing the EOSC ICT recommendations to the market**

RDA Europe participation to EOSC Governance

- RDA community is represented by Juan Bicarregui (EOSC EB member & UK national node coordinator)
 - Many RDA WG chairs contributing to the EOSC FAIR WG



What's next: RDA Europe in the global context

RDA Foundation Belgium, ASBL established in April 2020

- Coordinating efforts at European level
- Seeking European funds to support the RDA European community

Regional engagement programme:

- **Regional Advisory Board (RAB):** additional board complementing the RDA TAB and OAB to bring the perspective of the RDA regions (closed to the regions subscribing to the regional engagement programme. Members must have a mandate from their governments)
- **Regional Assembly:** additional forum aimed at engaging all the worldwide regions and at building the basis for future members of the RAB (RDA EU 4.0 nodes are welcome to participate). The first Regional Assembly will be announced at the end of July 2020



What's next: European funding

- 🌐 **INFRAEOSC-03 call:** Support for RDA was specifically cited in the call text (RDA BE is a beneficiary, potential start date Jan 2021):
 - ***Supporting EOSC in connecting with international data players via the RDA Global Open Research Commons Interest Group***
 - ***Financial support to third parties wishing to engage and participate in the Research Data Alliance processes and activities, including RDA outputs adoption, championship programmes, European dissemination events, etc.***
 - ***ICT Tech specs mechanism for EOSC standards***
 - ***Stakeholder engagement & training support***
- 🌐 **FAIRsFAIR:** RDAF UK is a beneficiary contributing to the definition of the curriculum of data scientists (under WP6)

16th Research Data Alliance **PLENARY MEETING**

9-12 November 2020

Knowledge **Ecology**



Organized by CONARE Costa Rica and RDA United States

<https://www.rd-alliance.org/plenaries/rda-16th-plenary-meeting-costa-rica>

RDA's 17th Plenary Meeting

20 - 22 April 2021, Edinburgh



Co-located with an EOSC day

Organised by



Jisc

09/07/20

 rd-alliance.org

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INTERNATIONAL DATA WEEK 2021

Data to Improve our World

8-11
NOVEMBER
2021

SEOUL,
REPUBLIC OF
KOREA



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SAVE THE DATE

International Data Week 2023
A Festival of Data

23–26 October 2023
Salzburg, Austria

Organised by

Hosted by



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