



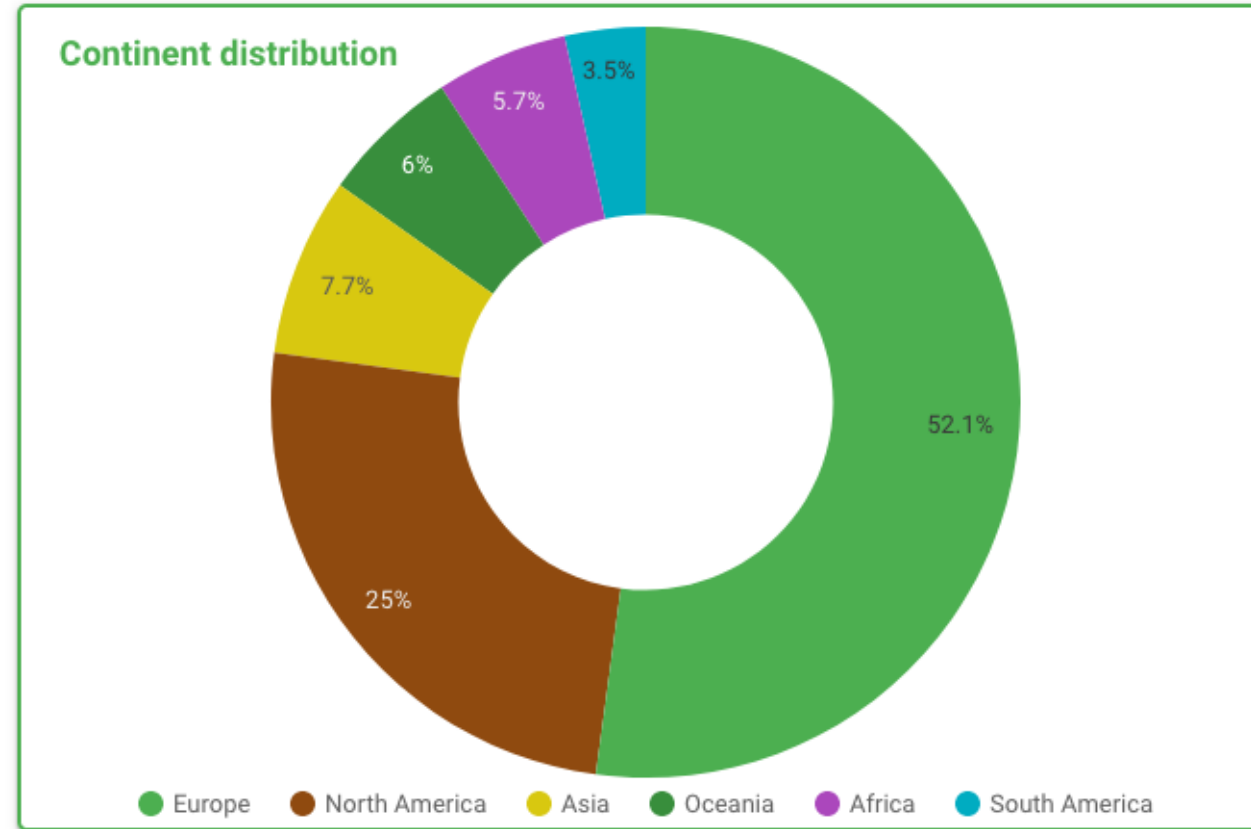
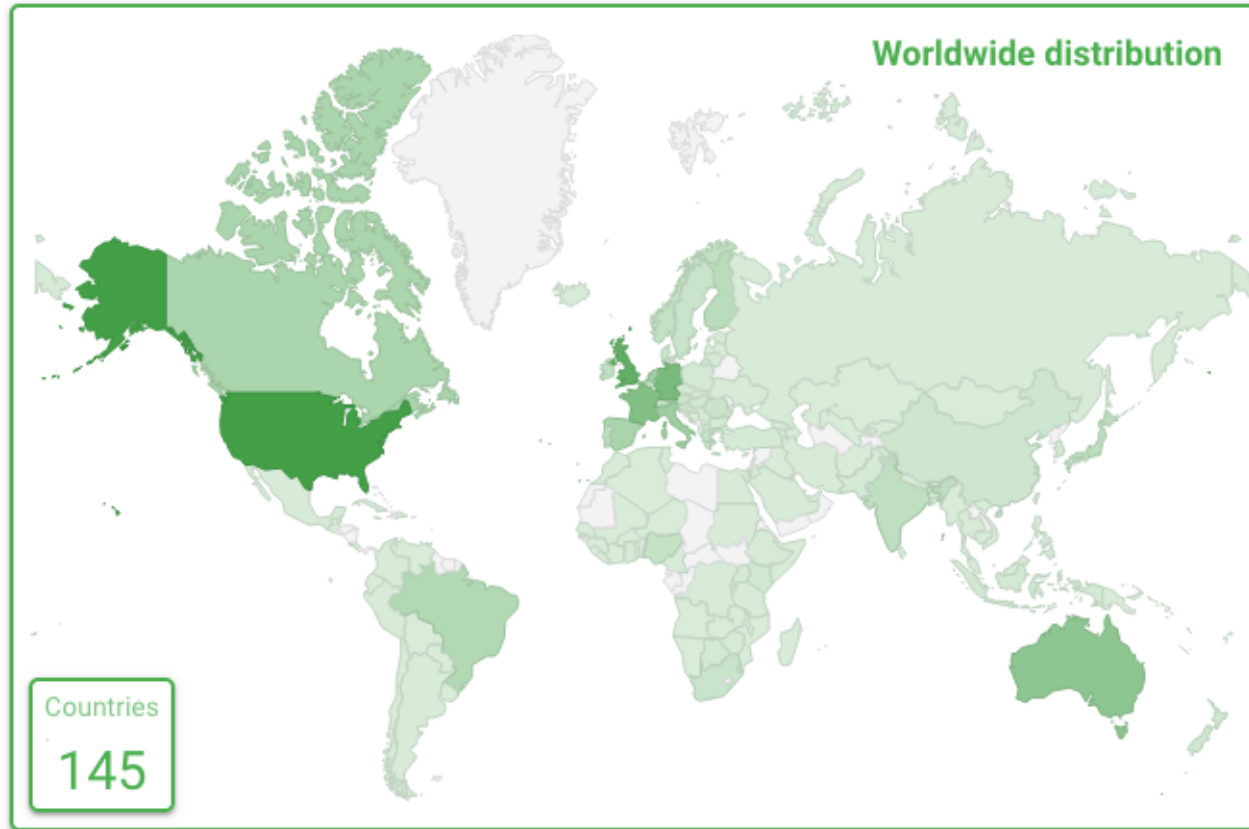
# The Research Data Alliance A Global Collaboration Forum to Tackle Data Challenges

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# Who and What is the Research Data Alliance?

An international member-based organization focused on the development of infrastructure and community activities that reduce barriers to data sharing and exchange, and the acceleration of data-driven innovation worldwide.





# What are RDA's Vision and Mission?

## Vision

Researchers and innovators openly share and re-use 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 and **re-use** of data.



## What does RDA do?

Members come together through self-formed, volunteer and focused Working Groups and exploratory Interest Groups to exchange knowledge, share discoveries, discuss barriers and potential solutions, explore and define policies and test as well as harmonise standards to enhance and facilitate global data sharing & re-use.





# RDA Recommendations that make a Data Difference

## A Collaborative Cross-Disciplinary Effort



### **The Research Data Alliance (RDA) COVID-19 Working Group**

was created as a response to the challenges posed by data sharing in the midst of the pandemic.



CLINICAL



OMICS



EPIDEMIOLOGY



SOCIAL SCIENCES



COMMUNITY



INDIGENOUS DATA GUIDELINES



RESEARCH SOFTWARE



LEGAL AND ETHICAL CONSIDERATIONS



**Guidelines** - detailed practical advice aimed at researchers, data stewards, research software engineers, and public health officials.



**Recommendations** - higher level generic advice aimed at policymakers, funders, publishers, and infrastructure providers.

Read the full-length publication at: [doi.org/10.15497/rda00052](https://doi.org/10.15497/rda00052)



# RDA Recommendations that Make Data Work

## “Create - Adopt - Use”

- ✓ Adopted code, policy, specifications, standards, or practices that enable data sharing
- ✓ “Harvestable” efforts for which 12-18 months of work can eliminate a roadblock
- ✓ Efforts that have substantive applicability to groups within the data community but may not apply to all
- ✓ Efforts that can start today

50 flagship Recommendations & Outputs

More than 100 cases of adoption in different domains, organisations and countries





# Adoption of RDA Outputs

## RDA ADOPTION STORY

39 Hints to Facilitate the Use of Semantics for Data on Agriculture the Nutritior FAO adoption story

## RDA ADOPTION STORY

Implementing the DMP Common Standard on the Argos tool for maDMPs

## RDA ADOPTION STORY

The RDA CoreTrustSeal adoption story across domains and regions

## RDA ADOPTION STORY

Accelerating the implementation of FAIR assessment in practice

## RDA ADOPTION STORY

Implementing Data Citation on the Earth Observation Data Centre for Water Resource Monitoring (EODC)

[Read all adoption stories](#)

[Watch the adoption stories playlist](#)





# How Engaging with RDA has Helped

“The outputs of RDA have informed the necessary decisions and development plans in a significant way and while naturally not all future concerns can be addressed only by looking at the combined RDA outputs, there is yet a better understanding of possible roadblocks and areas for further investigation”

<https://www.rd-alliance.org/dkrz-adopts-6-rda-outputs-climate-data-modelling>

## Building skills and reputation - 23 (research data) Things in Australia

“23 (research data) Things provides a catalyst for large scale upskilling of the data support community within Australian research institutions and others interested in moving into research data support as part of future career skill needs.”



[https://eresearchau.files.wordpress.com/2016/03/eresau2016\\_paper\\_39.pdf](https://eresearchau.files.wordpress.com/2016/03/eresau2016_paper_39.pdf)

“I believe this [RDA] is the only place where researchers having a wide range of problems concerning data can meet with those who are willing to help them solve these problems, or point them to already existing solutions.”

[https://www.rd-alliance.org/blogs/"newbie"-expert"-less-two-years-how-engage-rda-activities.html](https://www.rd-alliance.org/blogs/)







# Ways to Engage with RDA

ENGAGEMENT	BENEFIT				
	Strategic influence	International network	Reputation enhancement	Support for development	New skills
Governance body member: Council, Technical Advisory Board, Organisational Advisory Board	✓	✓	✓		✓
WG/IG member: contributor, lurker, co-chair, adopter	✓	✓	✓	✓	✓
Funder: Funding organisation, organisational member	✓	✓	✓	✓	✓
Plenary attendee: display poster, presenter, convene WG / IG / BoF session		✓	✓		✓

Stefanie Kethers; Andrew Treloar; Mingfang Wu (2019): How to Get the Most out of the Research Data Alliance. Poster, IDCC 2019, Melbourne, Australia, 4-7 Feb 2019



# RDA Plenary Meetings

- Organised around the world (now often virtually) every 6 months
- Exciting & productive events bringing together a unique community of **data science professionals, from multiple disciplines and domains**
- Core are working meetings of **RDA Working & Interest Groups** and new potential groups through **Birds of a Feather** meetings
- Help move the community forward in **creating tangible deliverables** that improve data sharing across disciplines, technologies, and countries
- Presentation of new **Outputs and Adoption** cases

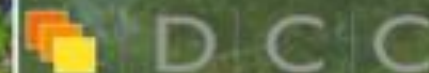


# RDA's 17th Plenary Meeting

20 - 22 April 2021, Edinburgh



*Organised by*



**Jisc**

<https://www.rd-alliance.org/plenaries/rda-17th-plenary-meeting>



# VP17 Virtual Regional Event - Oceania

- Virtual Regional Event held for the first time after Plenary 16 (November 2020)
- Planned again around Plenary 17 (April 2021)
- Related to Plenary sessions – continue discussion in a regional context
- Topics for previous VP16 Regional Event:
  - COVID-19
  - Data versioning and data life cycle
  - FAIR
  - Skills
  - Research Software
- Stay tuned for VP17 Virtual Regional Event topics and session information!



# INTERNATIONAL DATA WEEK 2021

## Data to Improve our World

8-11  
NOVEMBER  
2021

SEOUL,  
REPUBLIC OF  
KOREA

[https://www.rd-alliance.org/plenaries/rda-18th-plenary-meeting-part-international-data-week-2021-8-11-november-2021-seoul-south](https://www.rd-alliance.org/plenaries/rda-18th-plenary-meeting-part-international-data-week-2021-8%E2%80%9311-november-2021-seoul-south)

Convened by



@rdadata | @rda\_europe | @rda\_us



# SAVE THE DATE

## International Data Week 2023 A Festival of Data

### 23–26 October 2023 Salzburg, Austria

<https://www.rd-alliance.org/plenaries/international-data-week-2023-salzburg>

### Organised by



### Hosted by



11-Feb-21



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**Thank you!**

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**LinkedIn - [www.linkedin.com/in/ResearchDataAlliance](http://www.linkedin.com/in/ResearchDataAlliance)**

**Slideshare - <http://www.slideshare.net/ResearchDataAlliance>**

**Join RDA - [www.rd-alliance.org/user/register](http://www.rd-alliance.org/user/register) (it's free!)**

**Information for new members – [www.rd-alliance.org/about-rda/rda-newcomers](http://www.rd-alliance.org/about-rda/rda-newcomers)**