



The Research Data Alliance: Collaborating globally & locally

16 September 2020

Hilary Hanahoe, Secretary General, Research Data Alliance
hilary.hanahoe@rda-foundation.org





open science
open data
research data management
FAIR
data commons
science cloud
eResearch





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.

THE RESEARCH DATA ALLIANCE

www.rd-alliance.org

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

50 FLAGSHIP OUTPUTS

including 8 ICT Technical Specifications

100+ ADOPTION CASES

across multiple disciplines, organisations & countries

94 GROUPS WORKING ON GLOBAL DATA INTEROPERABILITY CHALLENGES

37 Working Groups
57 Interest Groups

10,997 INDIVIDUAL MEMBERS FROM 145 COUNTRIES

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

52 ORGANISATIONAL MEMBERS
11 AFFILIATE MEMBERS





GUIDING PRINCIPLES

- ◎ **OPENNESS**
Membership is open to all interested individuals who subscribe to the RDAs Guiding Principles. RDA community meetings and processes are open, and the deliverables of RDA working Groups will be publicly disseminated.
- ◎ **CONSENSUS**
The RDA moves forward by achieving consensus among its membership. RDA processes and procedures include appropriate mechanisms to resolve conflicts.
- ◎ **BALANCE**
The RDA seeks to promote balanced representation of its membership and stakeholder communities.
- ◎ **HARMONIZATION**
The RDA works to achieve harmonization across data standards, policies, technologies, infrastructure and communities.
- ◎ **COMMUNITY-DRIVE**
The RDA is a public, community-driven body constituted of volunteer members and organizations, supported by the RDA Secretariat.
- ◎ **NON-PROFIT**
RDA does not promote, endorse, or sell commercial products, technologies or services.



Global (Virtual) Community, Collaboration & Co-operation



iStock.com/aelitta





Collaborate, Co-operate, Co-create

If you want to go fast, go alone

If you want to go far, go together

African Proverb

iStock.com/aelitta

16/09/2020



rd-alliance.org



@resdatall | @hilaryhanahoe

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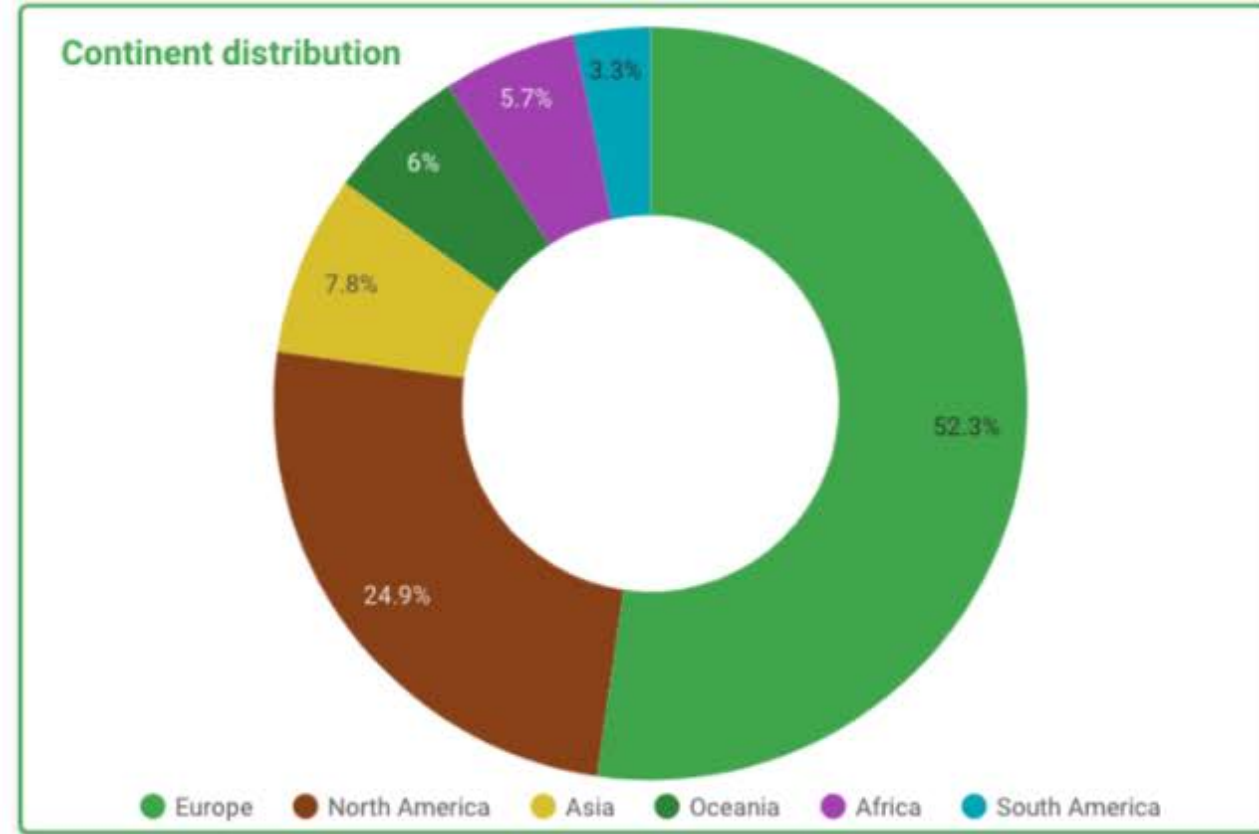
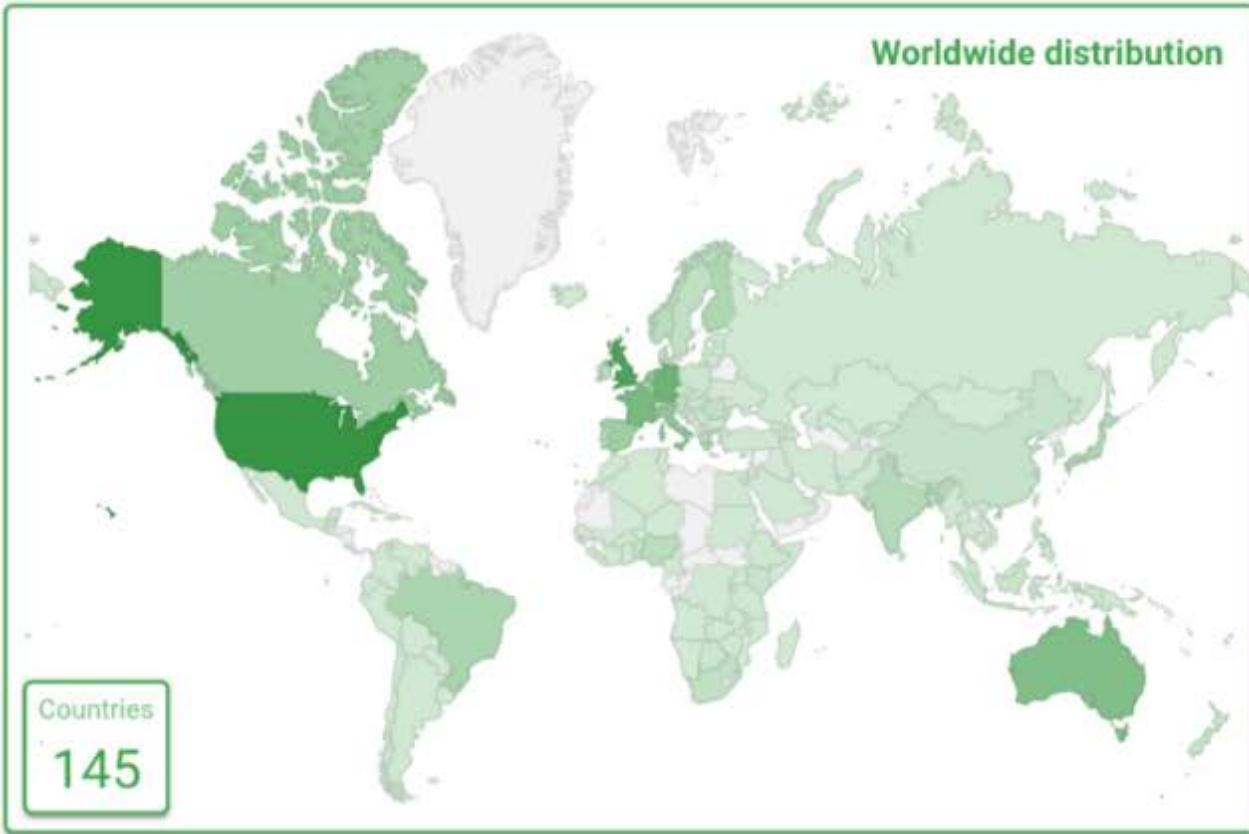


Who is the Research Data Alliance?





A truly global community



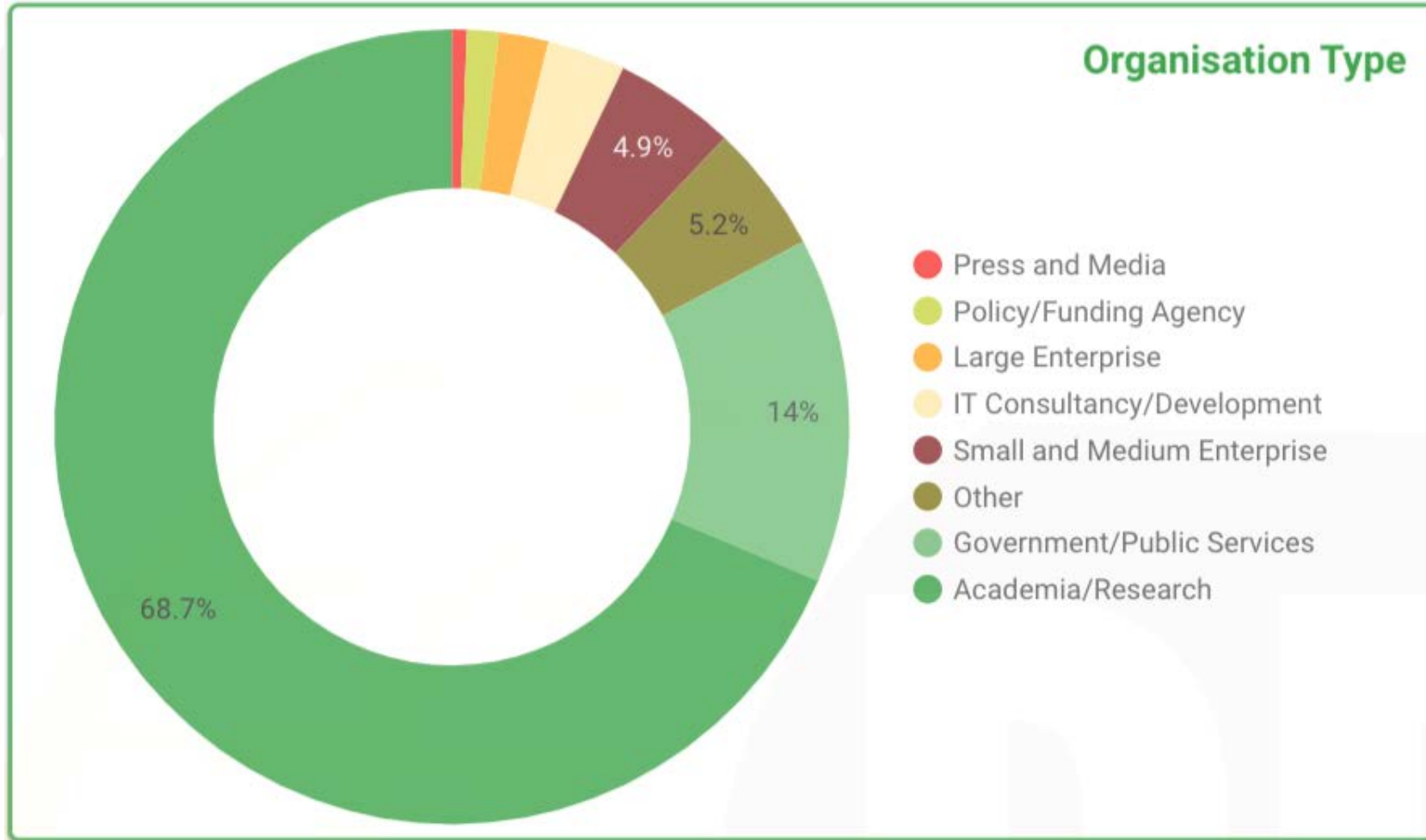
10,997+ RDA members from 145 different countries

650+ French members





RDA Organisational Type



**69% Academia /
Research**
**14% Gov / Public
Admin**





Become a Community Member

1. Click “Registration”
2. Complete Form
3. Adhere to [RDA Guiding principles](#) & [Code of Conduct](#)
4. Submit
5. Approval (by RDA Secretariat) within 2-3 working days

Building the social and technical bridges to enable open sharing and re-use of data

RDA EU RDA US CONTACT US **REGISTRATION**

O&A Members 63

MEMBERSHIP Members: 11062

RDA Groups WG & IGs: 98

RESEARCH DATA ALLIANCE

Active Organisational & Affiliate members

Becoming a member of RDA is simple and open to both individuals and organizations

Discover what RDA Working and Interest Groups and all other Groups are up to and find out how to join them. [Explore Groups](#)

Register now

ABOUT RDA GET INVOLVED GROUPS RECOMMENDATIONS & OUTPUTS RDA FOR DISCIPLINES PLENARIES & EVENTS NEWS & MEDIA

Register

Home

Create new account Log in Request new password

Joining RDA as an Individual Member is free, simple and easy. All you need to do is fill in the form below and subscribe to the alliance's Guiding Principles. User registration is moderated, therefore your request will be approved by RDA Secretariat and your account activated within 1 business day.

If there is an **RDA community set up in your country** (see **RDA National Groups** for more information), once your account is active you will be subscribed to receive information and news from that group. If you wish to unsubscribe, you can easily do that by editing the settings in your profile.

Given the recent high spam activity, the registrations will be reviewed with extra vigilance. To expedite the approval, we ask you to include an Institutional e-mail, bio and photo, and we are extending the approval time. If we are unable to verify the identity of an account, it may not be approved, and may be blocked. All account applications need to adhere to RDA's Guiding Principles and Code of Conduct.

Next Event

Online seminar IG-Research data Management in Engineering

Building metadata standards within Engineering disciplines and communities

Date: 15th September 2020
Time: 10:00 – 11:00 CEST
Presenters:
Dariusz Górecki – Department Centre for Research Data – University of Silesia
Sören Gherberg – High Performance Computing Center Stuttgart – HLR
Mikolaj Wasyluk – DTU, NIK Energy, RDA Ambassador





The Heart of RDA ... 94 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: 37 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.



New category of RDA work ...

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Communities of Practice (coming soon)

- ...
- ...
- ...

....





RDA COVID-19 Output(s)

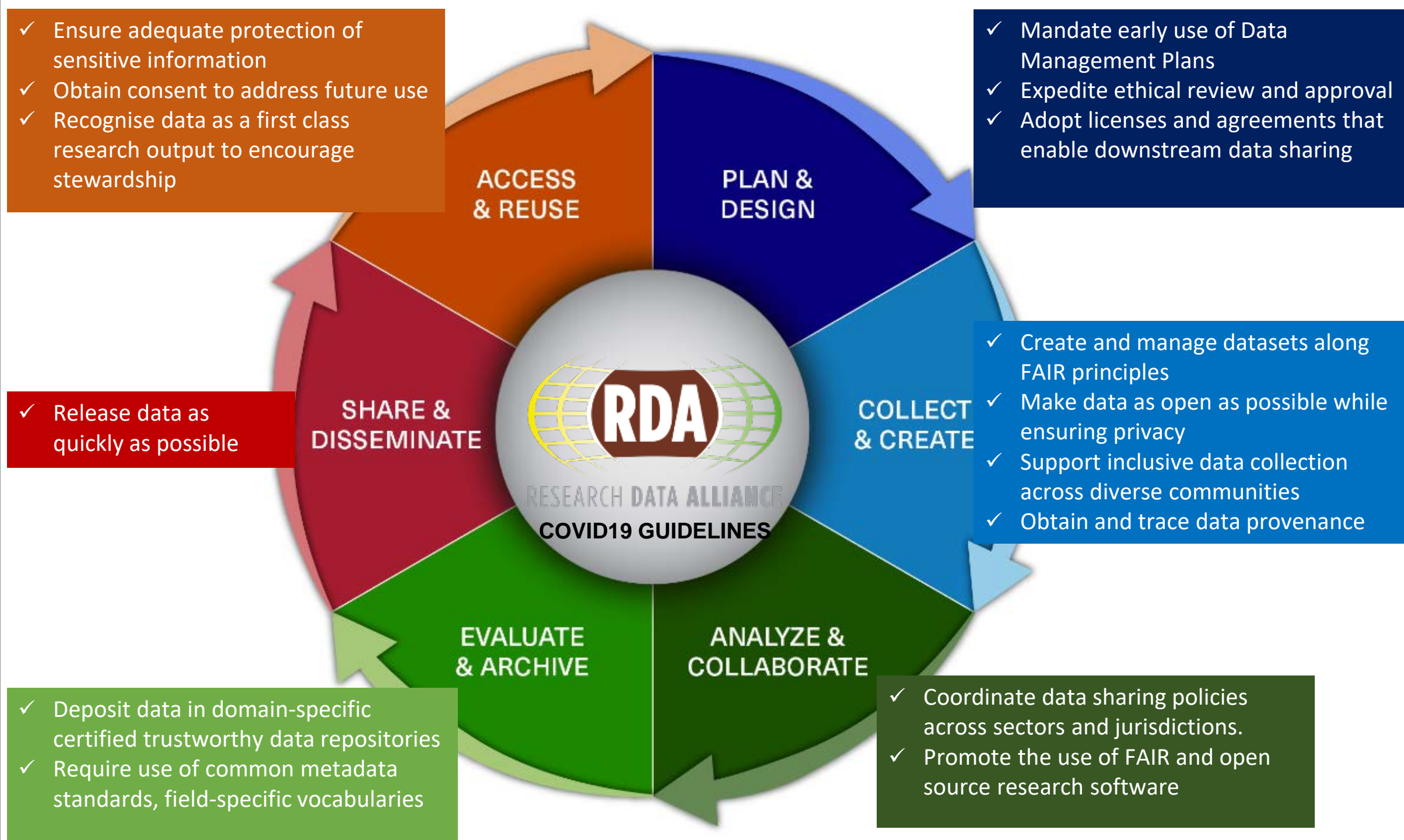


COVID-19 In a Nutshell

- ✓ 600 RDA members and newcomers involved in 7 sub groups
- ✓ 200+ active contributors to the outputs
- ✓ 4 research areas: clinical data, omics practices, epidemiology and social sciences
- ✓ 4 overarching areas: legal and ethical considerations, research software, community participation and indigenous data
- ✓ 17 open webinars and meetings
- ✓ 5 requests for comments periods
- ✓ 5 draft versions April – June 2020
- ✓ **1 Final release** – 30 June 2020 with 1 Zotero Resource library and 1 Infographic
- ✓ 1 Decision Tool – ETA Sept 2020

- **guidelines on data sharing under the present COVID-19 circumstances** to help stakeholders follow best practices to maximize the efficiency of their work, and to act as a blueprint for future emergencies;
- **recommendations for policymakers** to maximise timely, quality data sharing and appropriate responses in such health emergencies;
- addresses the interests of **researchers, policy makers, funders, publishers,** and providers of **data sharing infrastructures.**

Leverage existing data infrastructure for COVID-19 research and target investment in new infrastructure, human resources and digital skills.





RDA Recommendations & Outputs

RECOMMENDATIONS

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

26 Recommendations
of which 8 ICT Technical Specifications

SUPPORTING OUTPUTS

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

24 Supporting Outputs

OTHER OUTPUTS

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

100+ adoption cases



Curating a research institutional scholarly record connecting externally deposited datasets

RDA ADOPTION STORY

Curating a research institution's scholarly records connecting externally deposited datasets.

Interview with Chris Gibson from the University of Manchester Library



University of Manchester adopted the Scholix Metadata Schema for Exchange of Scholarly Communication Links

- ✓ *identify the relevant externally deposited datasets*
- ✓ *harvest their metadata to populate the current research information system (CRIS)*
- ✓ *Now over 6000 objects in CRIS*
- ✓ *Code Github available to all*
- ✓ *Multistakeholder collaboration across multiple departments at the university*

RDA RECOMMENDATION ADOPTED:

[RDA/WDS Scholarly Link Exchange \(Scholix\) Recommendation](#) - [YOUTUBE](#)

MANCHESTER
1824

The University of Manchester





Fostering reproducible research.

Supporting researchers to publish FAIR data alongside their scholarly publication

Challenge

- ✓ formally archived research data are more likely to remain accessible for future use
- ✓ that data being made available alongside the scholarly literature is a key component for research reproducibility
- ✓ researchers often do not know which repository to choose for their data

Adoption & Impact

- ✓ FAIRsharing records are actively curated and maintained, therefore the data contained will not be out of date
- ✓ linking to data sharing standards from each repository, makes this RDA output even more useful for publishers who wish to promote good data sharing and management
- ✓ practical help for researchers to ensure they publish FAIR data

RDA RECOMMENDATION ADOPTED:

[FAIRsharing Registry and Recommendations: Interlinking Standards, Databases and Data Policies](#)

FAIRsharing.org
standards, databases, policies

SPRINGER NATURE





Global & Local Impact

- ✓ Global data agreements
- ✓ Standards
- ✓ Institutional change
- ✓ Discipline & research domain specific solutions
- ✓ Cross | multi | inter disciplinary solutions
- ✓ Education and Training
- ✓ Policy



**16th Research Data Alliance
PLENARY MEETING**
9-12 November 2020

Knowledge E

Organized by CONARE Costa Rica and RDA United States

Logos: IGC TIC, RDA, CONARE, RDA United States

**RDA's 17th
Plenary Meeting** 20 - 22 April 2021, Edinburgh



Organised by

INTERNATIONAL DATA WEEK 2021
Data to Improve our World

8-11
NOVEMBER
2021

SEOUL,
REPUBLIC OF
KOREA

09/07/2020

Convened by



SAVE THE DATE

International Data Week 2023
A Festival of Data

23–26 October 2023
Salzburg, Austria

16th Research Data Alliance PLENARY MEETING

9-12 November 2020

Knowledge Ecology



Organized by CONARE Costa Rica and RDA United States

PROGRAMME PUBLICATION 26 SEPTEMBER 2020

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





Special thanks



The Research Data Alliance (RDA) is truly grateful for the support of the French Ministry for Higher Education, Research and Innovation -
Ministère de l'Enseignement supérieur, de la Recherche et de l'Innovation
And the French National Scientific Research Centre -
Centre national de la recherche scientifique





THANK YOU VERY MUCH

The Research Data Alliance: Collaborating globally & locally

RDA France 2020, 16th September 2019

[RDA](#)

Email - enquiries@rd-alliance.org

Web - www.rd-alliance.org

Twitter - [@resdatall](https://twitter.com/resdatall)

LinkedIn -

www.linkedin.com/in/ResearchDataAlliance

Slideshare -

<http://www.slideshare.net/ResearchDataAlliance>

[Hilary Hanahoe](#)

[Secretary General, Research Data Alliance](#)

Email - hilary.hanahoe@rda-foundation.org

Twitter - [@hilaryhanahoe](https://twitter.com/hilaryhanahoe)





RDA Further Information Resources Communication Kit

- ✓ RDA Logos & Templates
- ✓ RDA Recommendations and Outputs
- ✓ RDA in a Nutshell
- ✓ RDA Videos

- ✓ RDA Value statements for:
 - [COVID-19](#)
 - Individuals
 - Organisations performing Research
 - Student/Early Careers
 - Funders
 - Libraries
 - The European Open Science Cloud
 - Regions

<https://www.rd-alliance.org/about-rda/communication-kit>

