



RDA in the UK

RDA-UK Event
6th May 2020

Juan Bicarregui and Chris Brown
RDA-UK coordinators



Overview

RDA in General

Extracts from *RDA in a Nutshell*

<https://www.rd-alliance.org/sites/default/files/attachment/RDA-in-a-nutshell-April-2020.pptx>

RDA in the UK



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

37 FLAGSHIP OUTPUTS

including 8 ICT Technical Specifications

100+ ADOPTION CASES

across multiple disciplines, organisations & countries

91 GROUPS WORKING ON GLOBAL DATA INTEROPERABILITY CHALLENGES

34 Working Groups
57 Interest Groups

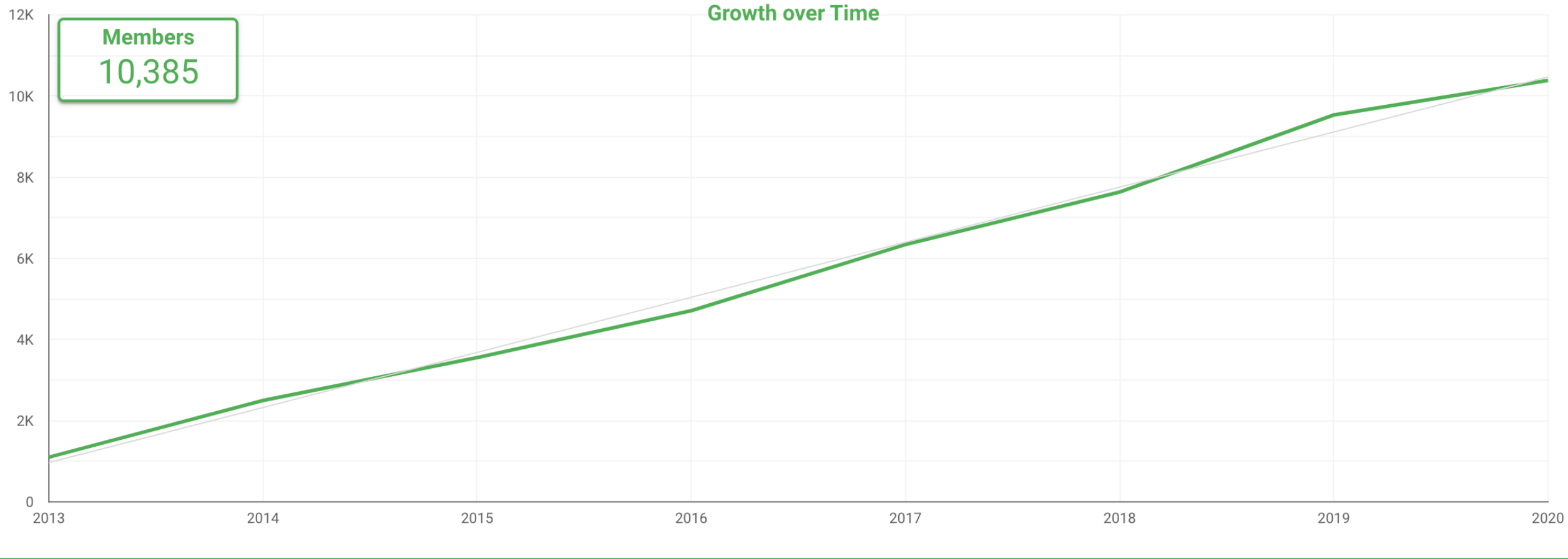
10,385 INDIVIDUAL MEMBERS FROM 144 COUNTRIES

68% Academia & Research
14% Public Administration
13% Enterprise & Industry

51 ORGANISATIONAL MEMBERS 10 AFFILIATE MEMBERS



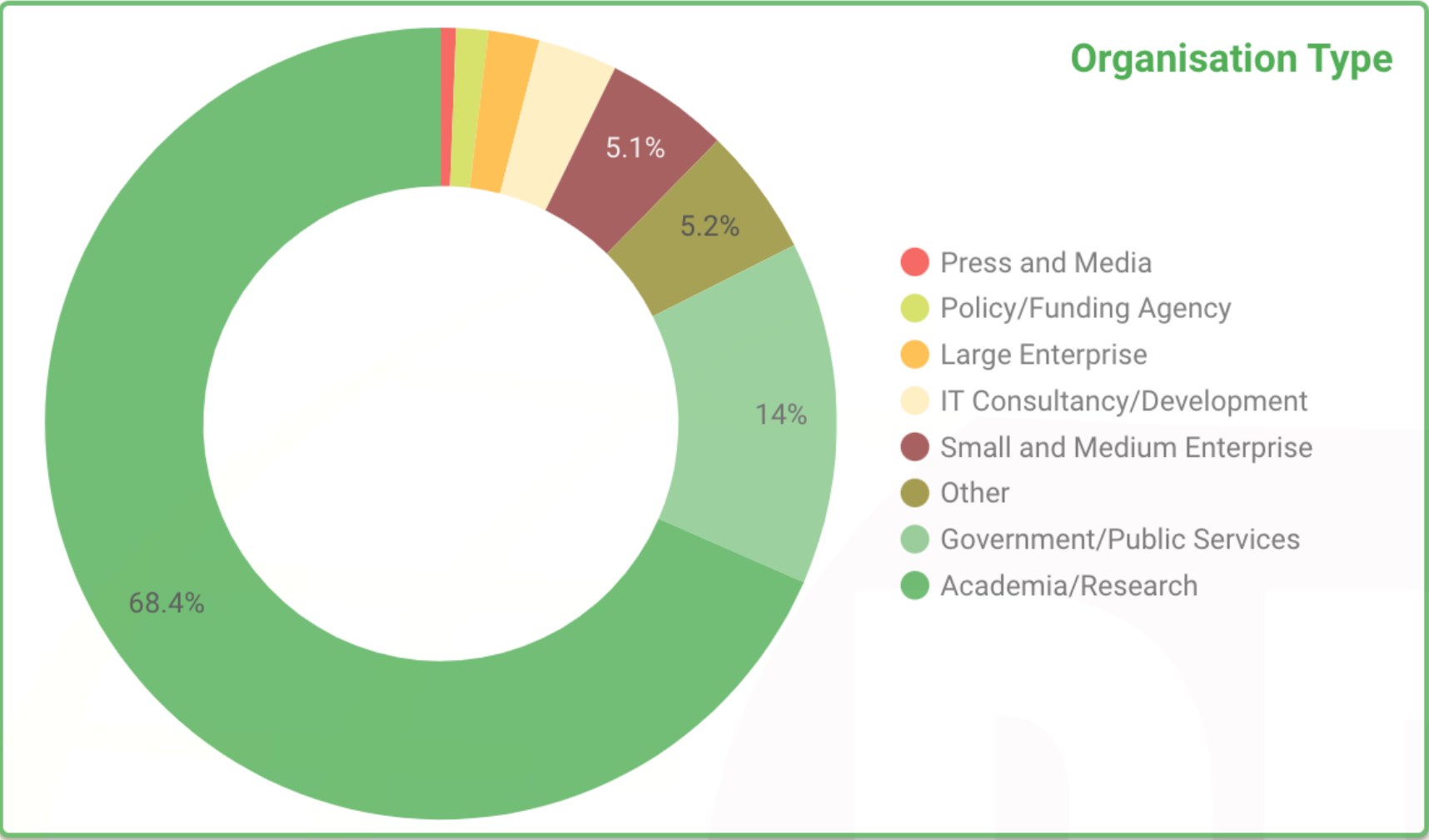
Who is RDA? – Worldwide Growth



Individual Membership is free at <https://www.rd-alliance.org/user/register>



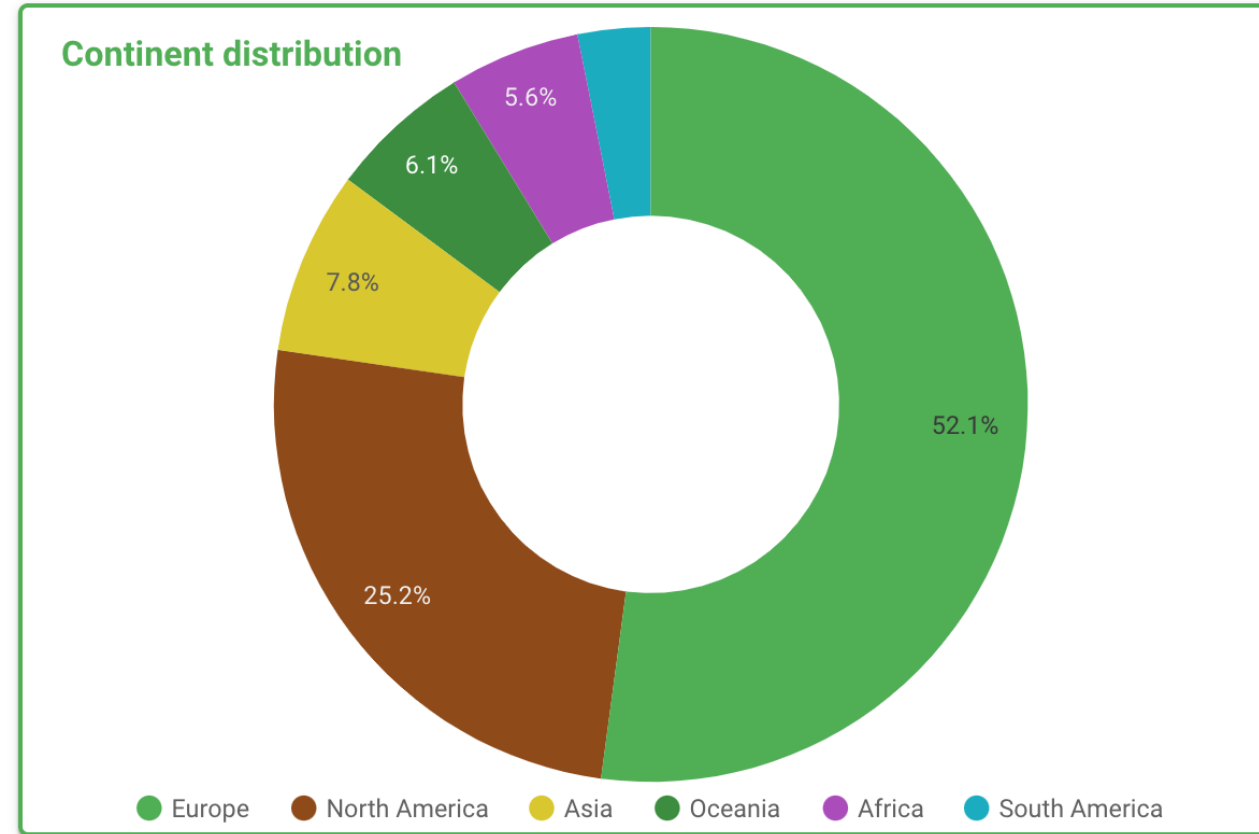
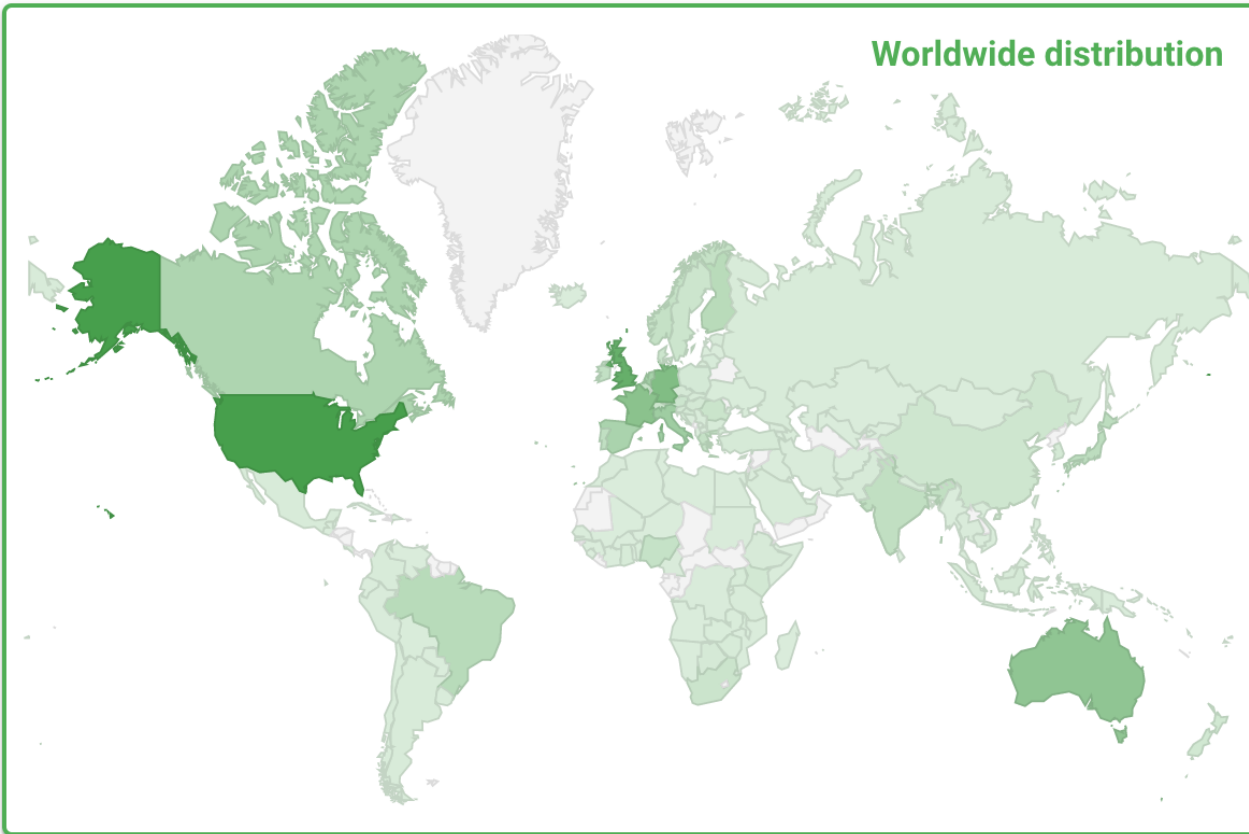
Who is RDA – Organisation type



Organisation Type		% ▾
1.	Academia/Research	68.44%
2.	Government/Public Services	14%
3.	Other	5.24%
4.	Small and Medium Enterprise	5.06%
5.	IT Consultancy/Development	3.25%
6.	Large Enterprise	2.08%
7.	Policy/Funding Agency	1.31%
8.	Press and Media	0.62%



Who is RDA – Geographical Distribution



10,385 RDA members from 145 different countries



Organisational Members

You can also join as an Organisational Member

- Assist in **implementation & adoption** of RDA Recommendations & Outputs
- Participate in all RDA Organisational Forums
- Receive regular **updates** on the work of the RDA
- Attend Organisational Assembly meetings and vote on **proposed policies** for consideration by the RDA Council and for members of the Organisational Advisory Board
- Provide **advice to RDA Council** through the Organisational Advisory Board
- Be recognized on the RDA Website and at RDA Meetings as a **supporter of data interoperability**
- Communicate open job positions in your organisation to entire RDA community (**Exclusive to Organisational Members**)
- Reduced RDA Plenary meeting registration fee (**Exclusive to Organisational Members**)

Currently there are **51** Organisational Members



RDA Organisational Members

You can also join as an Organisational Member

- AARNet Pty Ltd (APL), Australia
- American Geophysical Union (AGU), USA
- American University Library, USA
- Australian Research Data Commons (ARDC), Australia
- Battelle - National Ecological Observatory Network (NEON), USA
- Blackfynn Inc., USA
- California Institute of Technology, USA
- CANARIE, Canada
- CAP Digital, France
- Carnegie Mellon University, USA
- Consortium of European Social Science Data Archives (CESSDA)
- Columbia University Libraries/Information Services, USA
- Corporation for National Research Initiatives (CNRI)
- Danish e-Infrastructure Cooperation
- The Alan Turing institute, **UK**
- DANS, Data Archiving and Networked Services, The Netherlands
- Data Observation Network for Earth - DataONE
- Digital Curation Centre (DCC), **UK**
- Digital Repository of Ireland (DRI), Ireland
- Earth Science Information Partners (ESIP)
- EGI Foundation
- ELSEVIER, The Netherlands
- European Parliamentary Research Service (EPRS)
- European Data Infrastructure (EUDAT project)
- German Data Forum, Germany
- Global Biosocial Complexity Initiative, Arizona State University, USA
- Hertzoltz Association, Germany
- IASIST - International Association for Social Science Information Services and Technology
- Indiana University Pervasive Technology Institute, USA
- Information Technology Research Institute (ITRI)- National Institute of Advanced Industrial Science and Technology (AIST), Japan
- Interdisciplinary Centre for Mathematical and Computational Modelling (ICM), University of Warsaw, Poland
- International Association of STM Publishers
- International Federation of Data Organizations for Social Sciences
- KAUST - King Abdullah University of Science and Technology, Saudia Arabia
- LIBER - Association of European Research Libraries
- Max Planck Computing and Data Facility (MPCDF), Germany
- Massachusetts Institute of Technology Libraries (MIT Libraries), USA
- National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign, USA
- National Library of Ireland, Ireland
- Netherlands e-Science Center
- NSD - Norwegian Centre for Research Data
- NZ eScience Infrastructure, New Zealand
- Purdue University Libraries, USA
- Research Data Canada, Canada
- Scholarly Publishing and Academic Resources Coalition (SPARC), USA
- Science & Technology Facilities Council (STFC), **UK**
- TME – Technology, Methods, and Infrastructure for Networked Medical Research, Germany
- University of Strasbourg, France
- Washington University in St. Louis Libraries, USA
- Web Science Trust, **UK**
- John Wiley & Sons Ltd., **UK**

51 RDA Organisational Members

RDA Organisational Member details <https://www.rd-alliance.org/get-involved/organisational-membership/rda-organisational-affiliate-members>



RDA active Interest Groups (IG) & Working Groups (WG): Discipline-focused and Partnerships

Total 91 groups:
34 Working Groups & 57 Interest Groups

Discipline focus

Working Groups

- ❑ Agrisemantics WG
- ❑ FAIRSharing Registry WG
- ❑ Capacity Development for Agriculture Data WG
- ❑ Rice Data Interoperability WG
- ❑ Wheat Data Interoperability WG
- ❑ Reproducible Health Data Services WG
- ❑ Preserving Scientific Annotation WG
- ❑ Blockchain Applications in Health WG
- ❑ InteroperAble Descriptions of Observable Property Terminology WG (I-ADOPT WG)
- ❑ RDA-COVID19-Clinical WG
- ❑ RDA-COVID19-Community-participation WG
- ❑ RDA-COVID19-Epidemiology WG
- ❑ RDA-COVID19-Omics WG
- ❑ RDA-COVID19-Social-Sciences WG
- ❑ RDA-COVID19 WG

Interest Groups

- ❑ Agricultural Data IG (IGAD)
- ❑ Biodiversity Data Integration IG
- ❑ Chemistry Research Data IG
- ❑ Digital Practices in History and Ethnography IG
- ❑ ESIP/RDA Earth, Space, and Environmental Sciences IG
- ❑ Geospatial IG
- ❑ Global Water Information IG
- ❑ Health Data IG
- ❑ Linguistics Data IG
- ❑ RDA/CODATA Materials Data, Infrastructure & Interoperability IG
- ❑ Research data needs of the Photon and Neutron Science community IG
- ❑ Small Unmanned Aircraft Systems' Data IG
- ❑ Social Sciences Research Data IG
- ❑ Research Data Management in Engineering IG
- ❑ RDA for the Sustainable Development Goals IG

Partnerships

Working Groups

- ❑ RDA/TDWG Metadata Standards for attribution of physical and digital collections stewardship WG
- ❑ RDA/World Data System (WDS) Scholarly Link Exchange WG
- ❑ RDA/World Data System (WDS) Publishing Data Workflows WG

Interest Groups

- ❑ ELIXIR Bridging Force IG
- ❑ RDA/National Information Standards Organization (NISO) Privacy Implications of Research Data Sets IG



RDA active Interest Groups (IG) & Working Groups (WG): Focus on Reference/Sharing and Community Needs

Total 91 groups:
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Reference and Sharing

Working Groups

- ❑ Data Citation WG
- ❑ Data Description Registry Interoperability WG
- ❑ International Materials Resource Registries WG
- ❑ Research Data Collections WG
- ❑ Research Data Repository Interoperability WG
- ❑ Data Usage Metrics WG

Interest Groups

- ❑ Data Discovery Paradigms IG
- ❑ National Data Services IG
- ❑ RDA/CODATA Legal Interoperability IG
- ❑ Sharing Rewards and Credit (SHARC) IG

Community Needs

Working Groups

- ❑ RDA/CODATA Summer Schools in Data Science and Cloud Computing in the Developing World WG

Interest Groups

- ❑ CODATA/RDA Research Data Science Schools for Low and Middle Income Countries
- ❑ Archives & Records Professionals for Research Data IG
- ❑ Data for Development IG
- ❑ Early Career and Engagement IG
- ❑ Education and Training on handling of research data IG
- ❑ Ethics and Social Aspects of Data IG
- ❑ International Indigenous Data Sovereignty IG
- ❑ Surveying Open Data Practices IG
- ❑ Data for Development IG
- ❑ Research Funders & Stakeholders on Open Research and Data Management Policies and Practices IG
- ❑ Global Open Research Commons IG



RDA active Interest Groups (IG) & Working Groups (WG): Focus on Data Stewardship and Infrastructures

Total 91 groups:
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Data Stewardship and Services

Working Groups

- ❑ Brokering Framework WG
- ❑ World Data System (WDS)/RDA Assessment of Data Fitness for Use WG
- ❑ Data Versioning WG
- ❑ FAIR Data Maturity Model WG

Interest Groups

- ❑ Active Data Management Plans IG
- ❑ Data in Context IG
- ❑ Domain Repositories IG
- ❑ Virtual Research Environments IG
- ❑ Libraries for Research Data IG
- ❑ Physical Samples and Collections in the Research Data Ecosystem IG
- ❑ Preservation Tools, Techniques, and Policies IG
- ❑ RDA/World Data System (WDS) Certification of Digital Repositories IG
- ❑ Repository Platforms for Research Data IG
- ❑ Research Data Architectures in Research Institutions IG
- ❑ Data policy standardisation and implementation IG
- ❑ GO FAIR IG
- ❑ Open Science Graphs IG
- ❑ Engaging Researchers with Data IG

Base Infrastructure

Working Groups

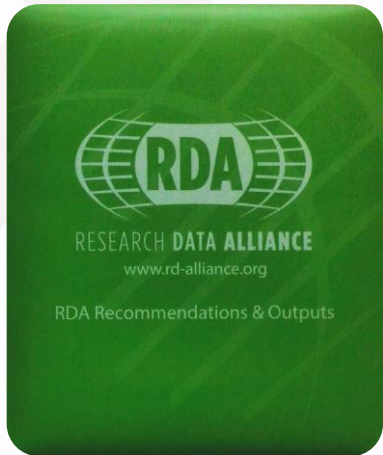
- ❑ Data Type Registries WG
- ❑ Metadata Standards Catalog WG
- ❑ PID Kernel Information WG
- ❑ Software Source Code ID WG
- ❑ Research Metadata Schemas WG

Interest Groups

- ❑ Data Fabric IG
- ❑ Data Foundations and Terminology IG
- ❑ Disciplinary Interoperability Framework IG
- ❑ Big Data IG
- ❑ Metadata IG
- ❑ PID IG
- ❑ Software Source Code IG
- ❑ Vocabulary Services IG
- ❑ Federated Identity Management IG
- ❑ Data Economics IG



RDA Recommendations & Outputs



CATEGORIES OF RECOMMENDATIONS & OUTPUTS

Recommendations: RDA's flagship outputs and the equivalent of "specifications" or "standards" that other organisations create and endorse.

Supporting Outputs: RDA outputs that originate from the work of RDA groups, but not always adoptable by other organisations. "Upon request" by RDA groups, these outputs are reviewed by the RDA member community and if no major objections or gaps are identified, they are approved to use the RDA Brand.

Other Outputs: These are workshop reports, published articles, survey results, etc. produced by RDA groups. Upon request by the groups, these outputs are posted on the RDA website but have no level of endorsement.

Search for Recommendations & Outputs

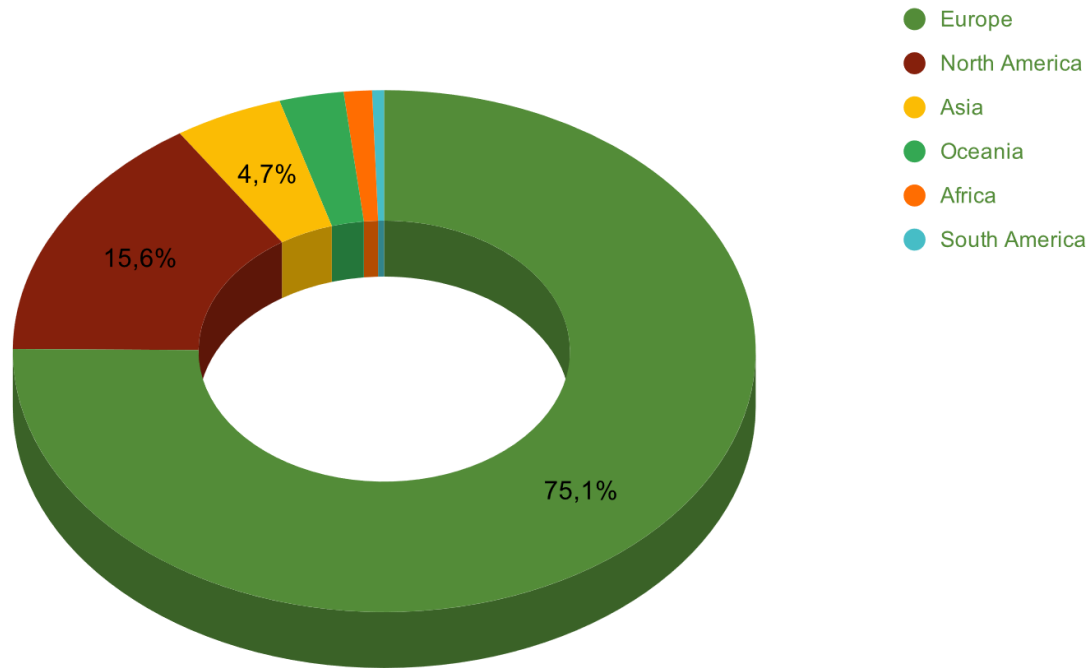
23 RDA Recommendations - of which 8 ICT Technical Specifications - & 14 Supporting Outputs currently in the RDA Catalogue:
<https://www.rd-alliance.org/recommendations-and-outputs/catalogue>

RDA Plenary 14

Total Participants: 571

Held on 23-25 October 2019
Helsinki | Espoo, FI

Total Delegates



Attendees at P14

Continent	Countries	Total Delegates	Total Delegates
Europe	24	429	75,13%
North America	3	89	15,59%
Asia	6	27	4,73%
Oceania	2	16	2,80%
Africa	3	7	1,23%
South America	1	3	0,53%

Organised by:



Aalto University



FEDERATION OF FINNISH LEARNED SOCIETIES



FMI



CSC
for Brilliant Minds



UNIVERSITY OF HELSINKI



RESEARCH DATA ALLIANCE
EUROPE

61 breakout meetings

- 13 Birds of a Feather Sessions
- 13 Working Groups Meetings
- 27 Interest groups Meetings
- 8 Joint Group Meetings (to cross fertilise among groups with a common interest or activity)

RDA cancels Plenary 15 in Melbourne and plan a Virtual Plenary

RDA Cancels Plenary 15 in Melbourne, AU

Virtual Plenary Planned for 18 March – 10 April
Learn more >

18-20
MARCH
2020
MELBOURNE
AUSTRALIA

RDA Virtual Plenary 15 (VP 15) 18 March - 10 April 2020

View Programme and Request a Session



#RDAPlenary

Follow the updates → <https://www.rd-alliance.org/plenaries/rda-15th-plenary-meeting-australia>



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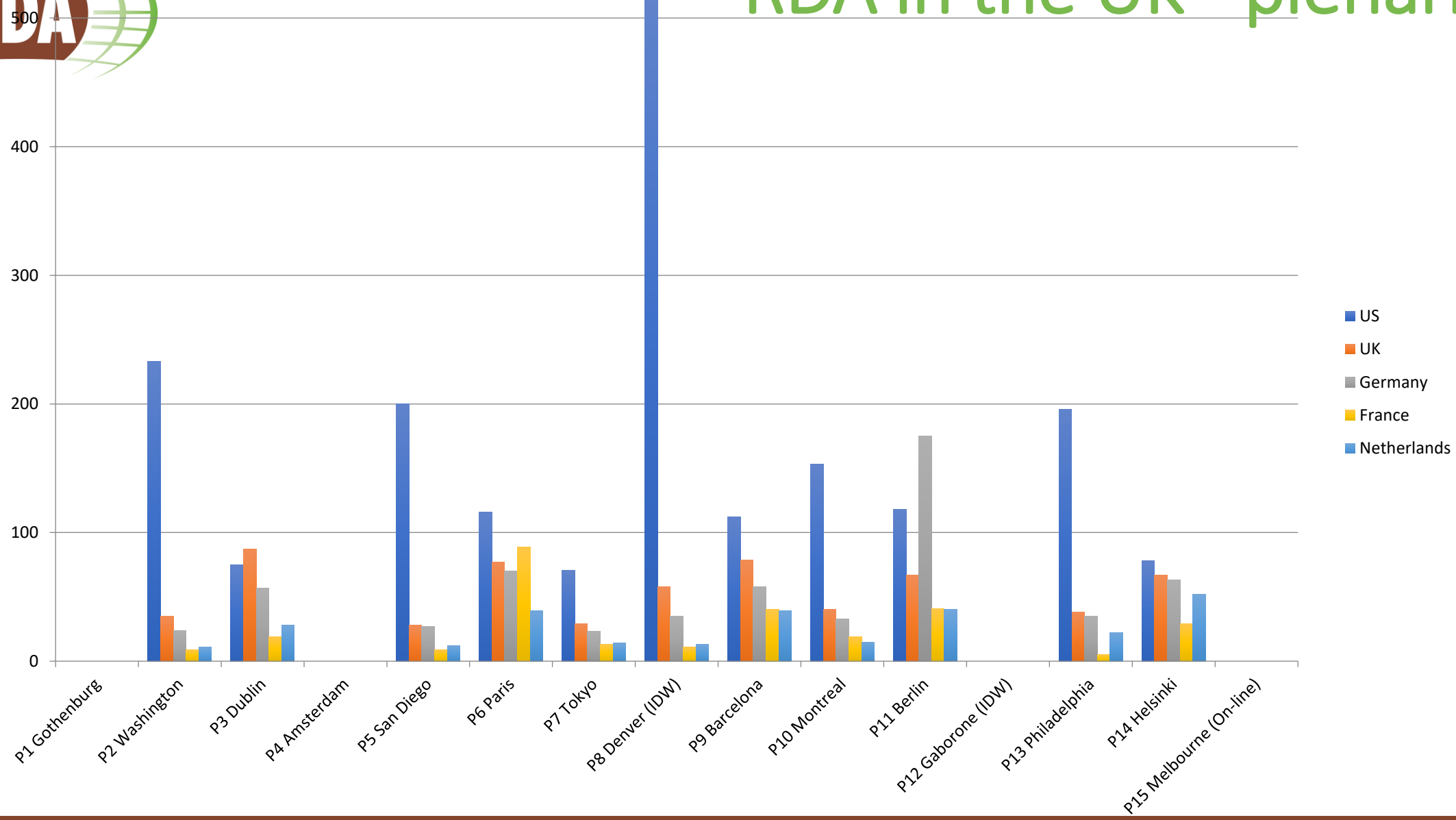


RDA in the UK - memberships

- UK Membership:
 - 839 (February 2020)
- Council:
 - John Wood (until 2017), Tony Hey (until 2016)
- Technical Advisory Board
 - Helen Glaves, BGS
- Organisational Advisory Board
 - Kevin Ashley (co-chair), Juan Bicarregui (previous co-chair)
- Working Group and Interest Group membership
 - TBD



RDA in the UK - plenaries





RDA in the UK – Participation in Groups

- I am a member of RDA
- I have attended N Plenaries
 - 0
 - 1
 - 2
 - 3 or more
- I am a member of N groups (WGs, IGs, Coordination Gs, TFs, etc)
 - 0
 - 1
 - 2
 - 3 or more

16th Research Data Alliance PLENARY MEETING

10-12 Nov 2020, Centro de Convenciones de Costa Rica, San José

Knowledge Ecology



Organized by CONARE Costa Rica and RDA United States

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



RDA Plenary 17

20-22 April 2021

Edinburgh



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

Organised by

Jisc



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Science and
Technology
Facilities Council



INTERNATIONAL DATA WEEK 2021

SAVE THE DATE

**8-11
NOVEMBER
2021**

**SEOUL,
REPUBLIC OF
KOREA**



Convened by

