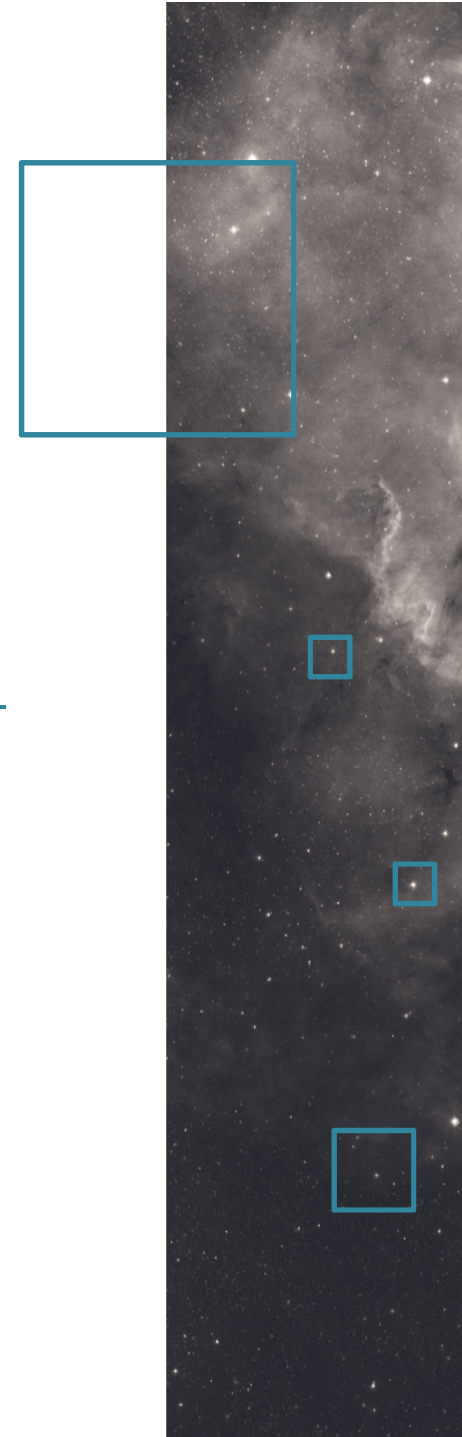


Status of the RDA

Françoise Genova



TAB co-chair



□ Additional information available

... Please complete the talk with a look at the current 'RDA in a Nutshell' file found in the 'Who is RDA' page

<https://www.rd-alliance.org/about-rda/who-rda.html>

... and more generally a look at the RDA pages (I can help!)

<https://rd-alliance.org>

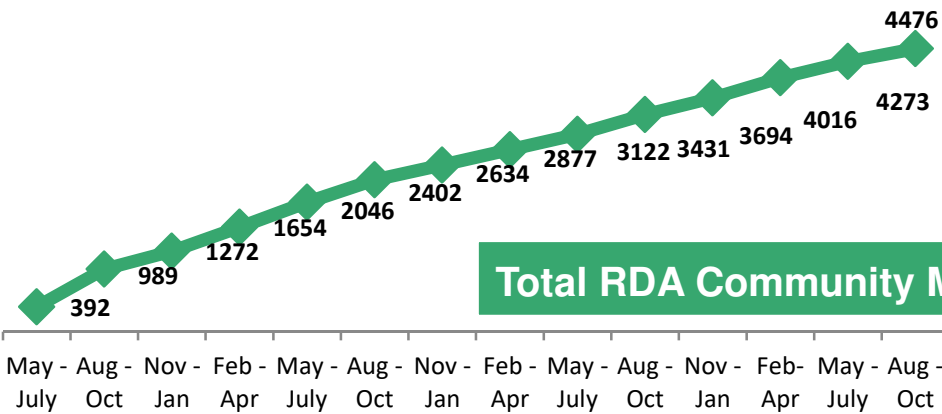


The screenshot shows a web browser window displaying the RDA website. The browser's address bar shows the URL <https://www.rd-alliance.org/about-rda>. The website has a green header with the text "RESEARCH DATA SHARING WITHOUT BARRIERS" and navigation links for "RDA EU", "RDA US", "CONTACT US", "LOGIN", and "REGISTRATION". The main navigation menu includes "ABOUT RDA", "GET INVOLVED", "GROUPS", "RECOMMENDATIONS & OUTPUTS", "RDA FOR DISCIPLINES", "PLENARIES", "EVENTS", and "NEWS & MEDIA". A red arrow points to the "ABOUT RDA" link, which has opened a dropdown menu with the following options: "Who is RDA?", "Governance", and "Our Funders". The main content area features the RDA logo and a search icon. Below the logo, there is a section titled "About RDA" with a breadcrumb trail "Home » About RDA". The text describes the RDA's mission: "The Research Data Alliance (RDA) builds the social and technical bridges that enable open sharing of data." and "The RDA vision is researchers and innovators openly sharing data across technologies, disciplines, and countries to address the grand challenges of society." A sidebar on the right contains a list of links: "Who is RDA?", "Governance", "RDA Council", "RDA Council Subcommittees", "RDA Secretariat", "RDA Technical Advisory Board", "RDA Organisational Advisory Board", and "Our Funders". At the bottom, there is a section for "RDA News".

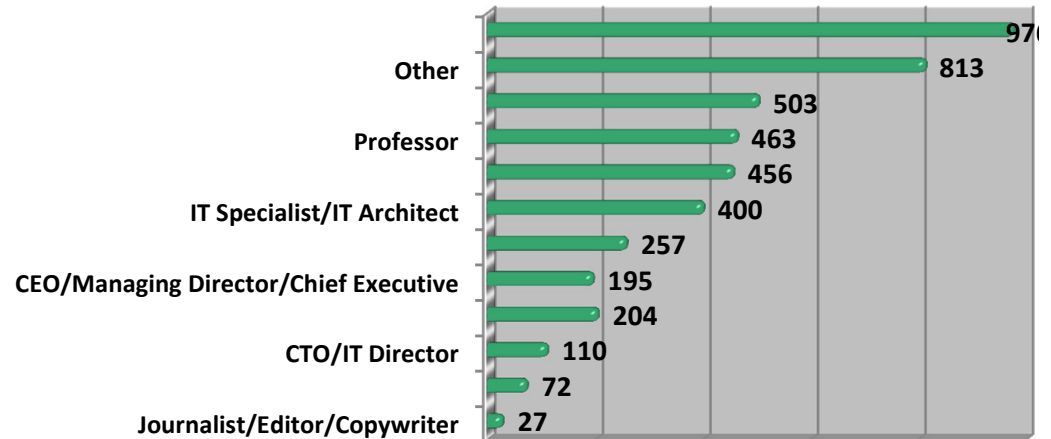
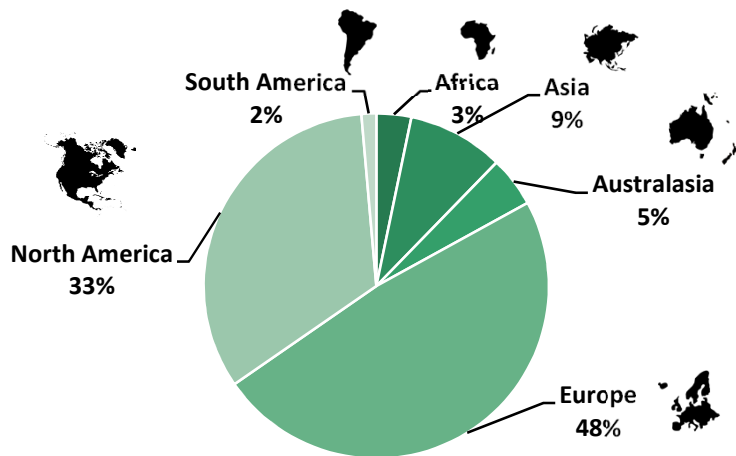
Type	Actual members (Oct. 2016)
Press and Media	27
Policy/Funding Agency	66
Large Enterprise	99
IT Consultancy/Development	146
Small and Medium Enterprise	257
Other (please specify) - obligatory	241
Government/Public Services	690
Academia/Research	2950

Who is RDA?

from 112 countries



Total RDA Community Members: 4476





RDA Interest (IG) & Working Groups (WG) by Focus (1)

Domain Science - focused

Agrisemantics WG

BioSharing Registry: connecting data policies, standards & databases in life sciences WG

Rice Data Interoperability WG

Wheat Data Interoperability WG

Agriculture Data IG (IGAD)

Biodiversity Data Integration IG

Chemistry Research Data IG

Digital Practices in History and Ethnography IG

Geospatial IG

Global Water Information IG

Health Data IG

Marine Data Harmonization IG

Metabolomics Data Interoperability IG

Quality of Urban Life IG

RDA/CODATA Materials Data, Infrastructure & Interoperability

Research data needs of the Photon and Neutron Science community IG

Structural Biology IG

Community Needs - focused

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

Archives & Records Professionals for Research Data IG

Data for Development IG

Development of Cloud Computing Capacity and Education in Developing World Research IG

Education and Training on handling of research data IG

Engagement IG

Ethics and Social Aspects of Data IG

**Total 73 groups: 27
Working Groups & 46
Interest Groups**



RDA Interest (IG) & Working Groups (WG) by Focus (2)

Reference and Sharing - focused

Data Citation WG

Data Description Registry Interoperability WG

Data Security and Trust WG

Empirical Humanities Metadata WG

RDA / WDS Publishing Data Bibliometrics WG

Research Data Collections WG

QoS-DataLC Definitions WG

International Materials Resource Registries WG

National Data Services IG

RDA/CODATA Legal Interoperability IG

Reproducibility IG

New Paradigms for Data Discovery

Partnership Groups

RDA / TDWG Metadata Standards for attribution of physical and digital collections stewardship

RDA/NISO Privacy Implications of Research Data Sets WG

Repository Audit and Certification DSA-WDS Partnership WG

RDA/WDS Publishing Data IG

ELIXIR Bridging Force IG

Total 73 groups: 27
Working Groups & 46
Interest Groups



RDA Interest (IG) & Working Groups (WG) by Focus (3)

Data Stewardship and Services – focused

Brokering Framework WG

Brokering Governance WG

RDA / WDS Publishing Data Services WG

RDA / WDS Publishing Data Workflows WG

Active Data Management Plans IG

Data in Context IG

Data Rescue IG

Domain Repositories IG

Libraries for Research Data IG

Long tail of research data IG

Preservation e-Infrastructure IG

RDA/WDS Certification of Digital Repositories IG

RDA/WDS Publishing Data Cost Recovery for Data Centres IG

Repository Platforms for Research Data IG

Research Data Provenance IG

Virtual Research Environments IG

Base Infrastructure – focused

Array Database WG

Data Foundation and Terminology WG

Data Type Registries WG

Metadata Standards Catalog WG

Metadata Standards Directory WG

PID Information Types WG

Practical Policy WG

Data Fabric IG

Data Foundations and Terminology IG

Data in Context IG

Big Data IG

Brokering IG

Federated Identity Management IG

Metadata IG

PID IG

Service Management IG

Vocabulary Services IG

**Total 73 groups: 27
Working Groups & 45
Interest Groups**



RDA Recommendations & Outputs

Data Foundation & Terminology: a model for data in the registered domain.

PID Information Types: a common protocol for providers and users of persistent ID services worldwide.

Data Type Registries: allowing humans and machines to act on unknown, but registered, data types.

Practical Policy: defining best practices of how to deal with data automatically and in a documented way with computer actionable policy.

**THE RESEARCH
DATA ALLIANCE**
RECOMMENDATIONS
& OUTPUTS





RDA Recommendations & Outputs

Metadata standards directory: Community curated standards catalogue for metadata interoperability

Data Citation: defining mechanisms to reliably cite dynamic data

Data Description Registry Interoperability solutions enabling cross platform discovery based on existing open protocols and standards

Wheat Data Interoperability impacting the discoverability, reusability and interoperability of wheat data by building a common framework for describing, representing linking and publishing wheat data

**THE RESEARCH
DATA ALLIANCE**
RECOMMENDATIONS
& OUTPUTS





RDA Recommendations & Outputs



Repository Audit and Certification DSA–WDS: A convergent DSA-WDS certification standard to help eliminate duplication of effort, increase certification procedure coherence and compatibility thus benefitting researchers, data managers, librarians and scientific communities.

RDA/WDS Publishing Data Bibliometrics: improved research data metrics and corresponding services, with the final goal of increasing the overall availability and quality of citations and research data itself.

RDA/WDS Publishing Data Services: A universal interlinking service between data and the scientific literature.

RDA/WDS Publishing Data Workflows: enhance the possibilities for greater discoverability and a more efficient and reliable reuse of research data benefitting other stakeholders like publishers, libraries and data centres.





RDA Recommendations & Outputs

Brokering Governance WG: Sustainable Business Models for Brokering Middleware to support Research Interoperability

RDA/CODATA Summer Schools in Data Science and Cloud Computing in the Developing World WG: A framework to run a series of Summer Schools in Data Science and data sharing in low and middle income countries (LMICs)

**THE RESEARCH
DATA ALLIANCE**
RECOMMENDATIONS
& OUTPUTS



www.rd-alliance.org/recommendaions-outputs

WWW.RD-ALLIANCE.ORG
[@RESDATALL](https://twitter.com/RESDATALL)

RDA Plenaries

Why attend?

- ✓ Working Meeting:
Updates & Progress
- ✓ Knowledge Exchange,
Networking & Direct
Interaction
- ✓ Best Practice,
Outputs & Adoption
- ✓ New ideas, groups,



RDA Plenary 9

When? 5-7 April 2017

Where? Barcelona, Spain



RDA Plenary 10

When? 19-21 September 2017

Where? Montreal, Canada

INTERNATIONAL DATA WEEK 2016

WWW.INTERNATIONALDATAWEEK.ORG

DENVER, COLORADO, US

11-17 SEPTEMBER 2016

Organized by:



▪ RDA deliverables presented:

- RDA/CODATA Summer Schools in Data Science and Cloud Computing in the Developing World WG
- Brokering Governance WG
- Metadata Standards Catalog WG Recommendations
- Biosharing Registry WG Recommendations
- Scholix Framework
 - + 6 Adoption cases

▪ 69 Breakout session meetings:

- 12 BoF Meetings
- 31 Interest group meetings
- 10 Working group meetings
- 16 Joint group meetings
- 69 Breakout sessions

▪ Newcomers Session, 2 RDA organisational members meeting, TAB and Chairs session

- RDA/EU sponsored 8 European Early Career Researchers and Scientists & RDA/US sponsored 8 Fellowship
- 42 posters on display



RESEARCH DATA ALLIANCE 8th Plenary Meeting

15-17 September 2016
Denver, Colorado, US

549 participants from 33 countries

<https://www.rd-alliance.org/plenaries/rda-eighth-plenary-meeting-denver-co>

WWW.RD-ALLIANCE.ORG
@RESDATALL

□ Among the topics of interest

- Data/Dynamic data citation
 - E.g. VAMDC
- Certification: new DSA/WDS basic framework
- Provenance: IVOA Provenance Model (K. Riebe's talk)
- The set of work on Data publishing
- Other topics: practical policies, metadata standards directory, data type registry, PID information type, etc, plus many more to come

RDA in a Nutshell

WWW.RD-ALLIANCE.ORG/
@RESDATALL



RDA Global

Email - enquiries@rd-alliance.org

Web - www.rd-alliance.org

Twitter - @resdatall

LinkedIn - www.linkedin.com/in/ResearchDataAlliance

Slideshare -

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

Facebook -

<https://www.facebook.com/pages/Research-Data-Alliance/459608890798924>

RDA Europe

Email - info@europe.rd-alliance.org

Web - europe.rd-alliance.org

Twitter - @RDA_Europe

RDA US

Twitter - @RDA_US