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# What is the RDA and Why Should I Attend the 10<sup>th</sup> Plenary in Montreal?

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# What problem does RDA address?

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**Data drives innovation; data sharing accelerates innovation**

**Infrastructure** needed to support data-driven research and innovation

- Data is not an asset if you don't know what it means.
- Data is not useful if you can't find it.
- Data needs to be in the right form for analysis.
- Data needs to be preserved for results to be reproducible.



# RDA Mission and Vision

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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.



# RDA Infrastructure Recommendations make data work

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“Create - Adopt - Use” -- RDA Infrastructure products focus on impact:

- ✓ **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**
- ✓ Efforts that can **start today**

# RDA Working Groups

Working Group	Outputs	Impact	Adopters
<b>Dynamic Data Citation Working Group</b>  <i>(data consumer, social solution)</i>	Dynamic-data citation methodology that supports efficient processing of data and linking from publications	Researchers can reference precise subsets of changing data	NERC, ESIP, CLARIN, Virtual Atomic and Molecular Data Centre, VMC, WHOI
<b>Data Type Registries Working Group</b>  <i>(data provider, technical solution)</i>	Data type model and prototype registry	Provides machine-readable and researcher-accessible registries of data types that support the accurate use of data	CNRI, International DOI Foundation, Materials Genome Initiative, Deep Carbon Observatory, EUDAT
<b>Wheat Data Interoperability Working Group</b>  <i>(data consumer, technical solution)</i>	Common framework for Wheat Data Terminology to enable interoperability between distinct data collections	Semantically linked terms describing wheat data so researchers can share harvest and related information between data sets and communities	Wheat Initiative Information System, FAO AIMS, INRA

# Any RDA member can start or join any group

## Many ways for RDA members to come together

**Working Groups (WG)** – 12-18 month efforts to **build, adopt, and use** specific pieces of infrastructure

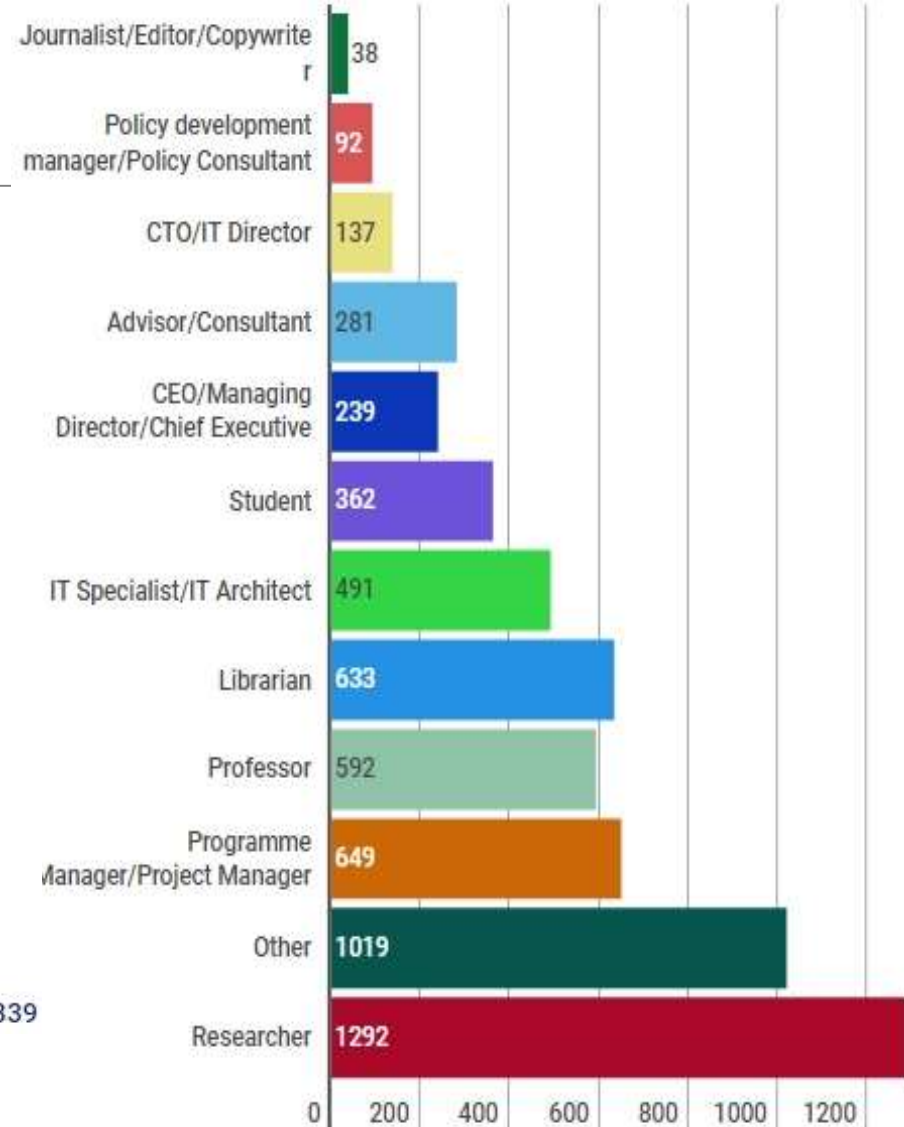
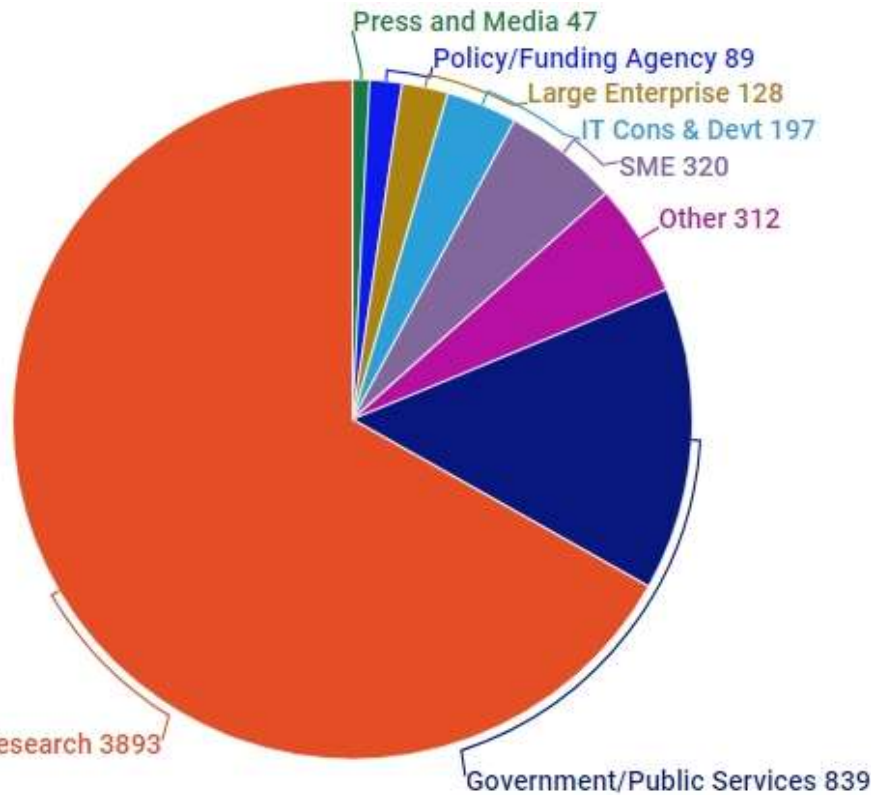
**Interest Groups (IG)** – longer-lived discussion forums that spawn Working Groups as specific pieces of needed infrastructure are identified.

**Birds-of-a-feather (BOF)** – groups that leverage the RDA environment to create synergy and community around emerging topics

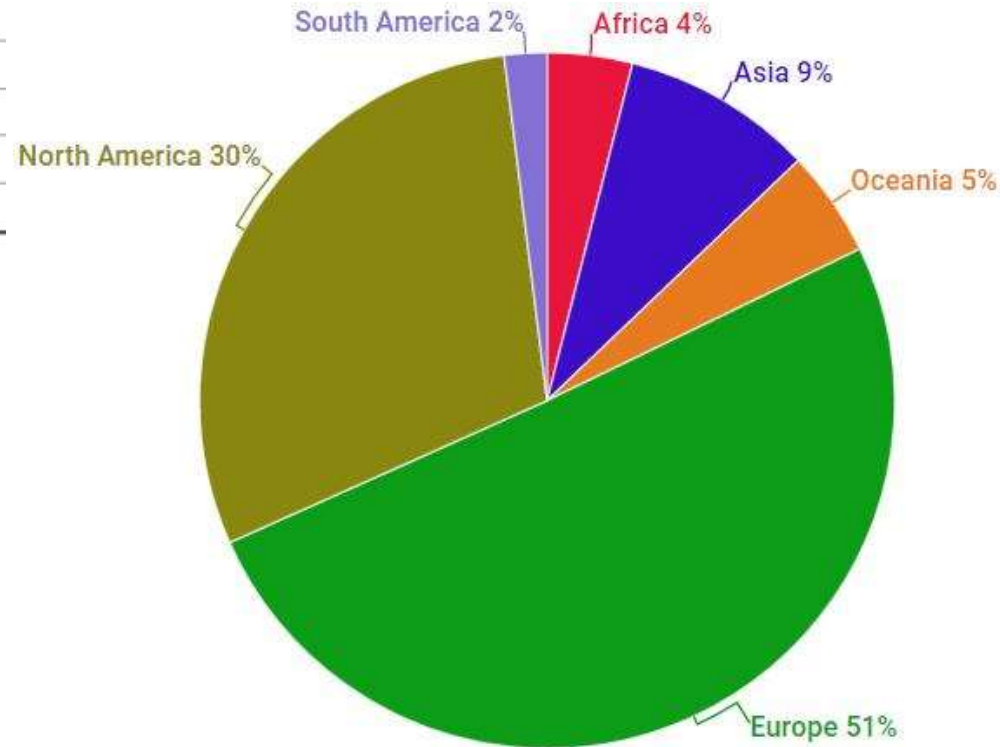
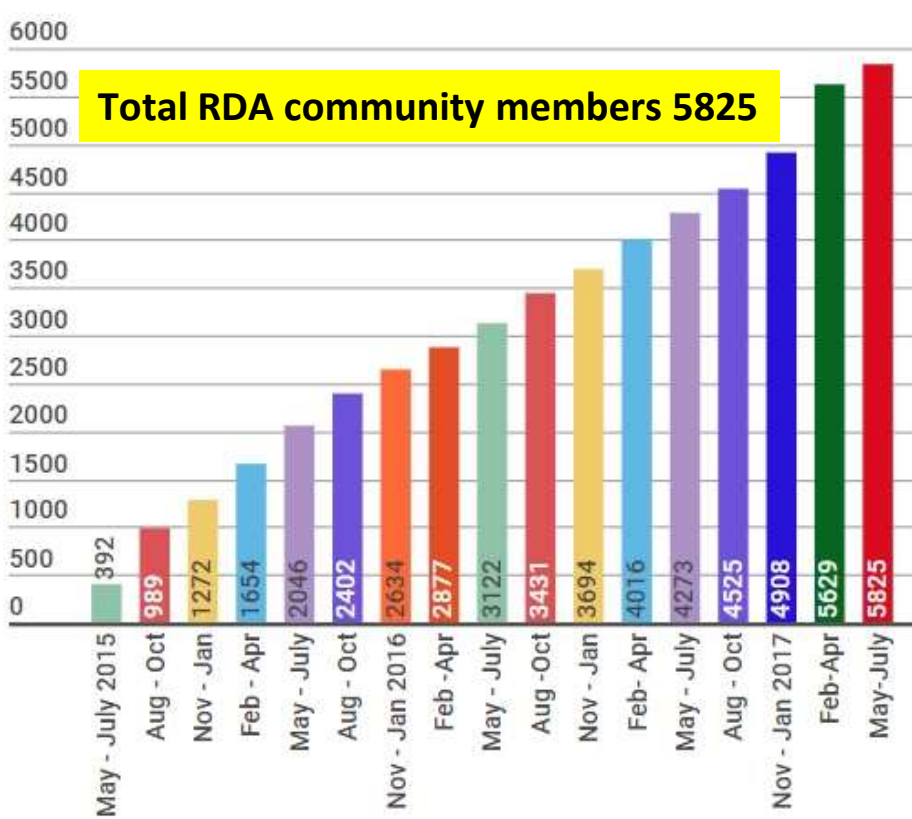
**Co-located meetings** – Advancing groups in the data community through synergistic interaction with RDA



# RDA membership is broad and diverse



# Sustained growth



**128 Countries**



# RDA Plenaries: A great way to get to know the community

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# RDA and RDA/US eager for greater engagement with Canada

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## Many potential opportunities including

- Regional collaboration efforts
- RDA as a supporter / catalyst for regional efforts in Canada (RDA/Canada!)
- Joint programs: Student training, networking and exchange efforts
- Adoption and use of RDA Recommendations
- Involvement at the leadership level on RDA's Technical Advisory Board, Organizational Advisory Board, Council, Secretariat



# What are Plenary Meetings?



- Organised around the world every 6 months
- exciting & productive events bringing together a unique community of **data science professionals, from multiple disciplines and domains;**
- help move the community forward in **creating tangible deliverables** that improve data sharing across disciplines, technologies, and countries;
- heart of the plenaries are working meetings of **RDA Working & Interest groups** and new potential groups through **Birds of a Feather** meetings
- presentation of new **Outputs and Adoption** cases

# RDA Plenary Meetings: benefits of attending



Exchange knowledge, share discoveries, discuss barriers and potential solutions



Learn about new trends, strategies, research developments, directions and policies



Expand your network and meet new committed and passionate data science professionals, working in multiple disciplines



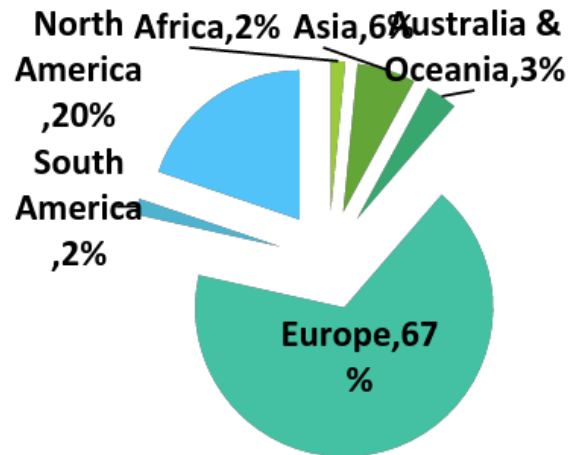
Contribute to acceleration of data infrastructure development

# RDA 9th Plenary Meeting

## Data Infrastructures for Open Science

5-7 April 2017, Barcelo Sants Hotel,  
Barcelona, Spain

Organised by Barcelona Supercomputing Center (BSC) with the support of RDA Europe



### 73 Breakout meetings

- 15 Working Groups
- 32 Interest Groups
- 13 Joint Working & Interest Groups
- 13 Birds of a Feather
- 3 Outputs presented
- 54 Posters

**620 participants from 45 countries**



# 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



[WWW.RD-ALLIANCE.ORG](http://WWW.RD-ALLIANCE.ORG) - @RESDATALL

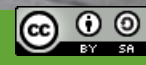


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# RDA 10<sup>th</sup> ème



Montréal, Canada  
19-21 September 2017  
19 au 21 septembre 2017

Plenary Meeting  
Conférence plénière

Register now:

<https://www.rd-alliance.org/rda-10th-plenary-registration>

Early Bird registration ends August 14, 2017 midnight EDT

<https://www.rd-alliance.org/plenaries/rda-tenth-plenary-meeting-montreal-canada>

Call for Poster Session <https://www.rd-alliance.org/rda-10th-plenary-poster-session> - ends 25 July midnight UTC

Joining our sponsorship program <https://www.rd-alliance.org/rda-10th-plenary-sponsorship-opportunities>

[rd-alliance.org/plenaries/rda-tenth-plenary-meeting-montreal-canada](https://www.rd-alliance.org/plenaries/rda-tenth-plenary-meeting-montreal-canada)

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# P10 Session Sneak Peek

The screenshot shows a calendar application interface for the week of September 18-24, 2017, in Montreal, Canada. The interface includes a search bar, navigation tabs (Accueil, Organiser, Outils), and a list of calendar sources. The main calendar view displays a grid of events for each day.

Date	Day	Event(s)
18	lundi	URBAN DISCOVERY TOURS l'autre Montreal; Co-located Event Centre Mont-Royal
19	mardi	RDA10-DAY1 Centre Mont-Royal
20	mercredi	RDA10-DAY2 Centre Mont-Royal
21	jeudi	RDA10 - DAY3 Centre Mont-Royal; 5 à 7 Bistro T - Place des arts
22	vendredi	Canadian National Data Summit Université de Montréal; NETWORKING WITH LOCAL RESEARCHERS Université de Montréal; URBAN DISCOVERY TOURS; DINNER at another FANTASTIC RESTAURANT Griffintown
23	samedi	SHOPPING; APPLE PICKING South shore of Montreal; DINNER at a supercalifragilisticexpi alidiciously restaurant Heaven
24	dimanche	MARATHON, 1/2 or 10 km Jacques-Cartier bridge; Taxi to Airport; Going Home to rest

# RDA 10th Plenary - Programme

View the initial programme outline below. A more detailed programme including the scheduled breakout sessions will be published no later than the 31st of July.

Saturday 16 September	Sunday 17 September	Monday 18 September	Tuesday 19 September	Wednesday 20 September	Thursday 21 September	Friday 22 September	
		09:00 - 18:00	DC & SCADM Meeting (Day 3)				
		09:00 - 18:00	RDA Interest Group on Agricultural Data (IGAD) Pre-Plenary meeting (Day 2)				
		09:00 - 13:00	International Coalition on Science Gateways meeting				
		09:00 - 12:00	Portage and Research Data Management in Canada				
		09:00 - 12:00	Research Data for Better Public Decisions				
		13:00 - 16:00	Responsible Openness: What you need to know to get started today				
		13:00 - 17:00	RDA Funders Forum				
		13:00 - 16:00	Portage Supported Research Data Management Platforms				
		13:00 - 16:00	Portage and Data Management Plans in Canada: the policies, templates, and platform				
		14:00 - 18:00	RDA TAB & WG / IG Chairs meeting				
		14:00 - 18:00	Preservation Quality Tool (PresQT) Workshop II				
		16:00 - 18:00	RDA for Newcomers				
		18:00 - 21:00	Welcome cocktail				



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## What RDA offers

- Almost 6000 experts working on common data issues
  - 23 international Working Groups – Examples incl. metadata standards registry, citation, persistent identifiers, privacy implications of data
- A neutral venue for resolving cross-boundary challenges
- Administrative and support services for achieving consensus, adoption, and implementation

## What we ask from you

- Support RDA Principles – Openness, Consensus, Harmonization, etc.
- Contribute your expertise and experience to RDA outcomes
- Adopt RDA Recommendation

# Benefits of RDA Membership

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## For individuals (free)

- **Get access to an extraordinary network** of colleagues, collaborators and stakeholders who can help make your work more successful
- **Contribute** to the acceleration of global data infrastructure
- **Grow opportunities** for leadership and competitiveness within the broader data community

## For organizations (nominal fee)

- **Participation in RDA Organizational Assembly** and focused access to other organizations, RDA groups, and members
- **Opportunities for leadership and impact** through adoption of RDA Recommendations and infrastructure



# Organisational & Affiliate Members

43 Organisational Members

8 Affiliate Members

The Association of Commonwealth Universities



Caltech



canarie



ASU CENTER FOR BIOLOGY + SOCIETY ARIZONA STATE UNIVERSITY



Corporation for National Research Initiatives®



DANS Data Archiving and Networked Services

DataONE Data Observability Network for Earth



DeiC

RatSWD. German Data Forum



ELSEVIER



HELMHOLTZ ASSOCIATION



GODAN Global Open Data for Agriculture & Nutrition

icm interdyscyplinarne centrum modelowania matematycznego i komputerowego Uniwersytet Warszawski

National Institute of Advanced Industrial Science and Technology AIST

stm



MPCDF MAX PLANCK COMPUTING & DATA FACILITY



netherlands Science center



NeSI New Zealand eScience Infrastructure

PURDUE UNIVERSITY LIBRARIES



RDC DRC Research Data Canada - Données de Recherche Canada

RDS www.rds.edu.au



University of Pittsburgh

Science & Technology Facilities Council

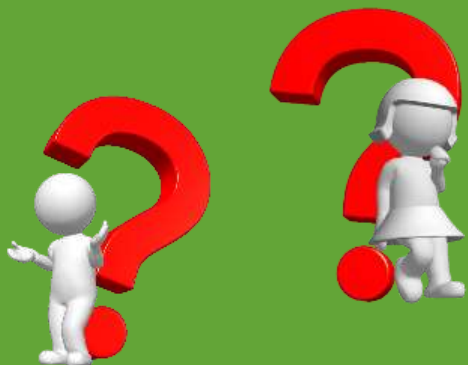


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# Questions and Answers



## **RDA Global**

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**Web - [www.rd-alliance.org](http://www.rd-alliance.org)**

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

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

**Slideshare -**

**[www.slideshare.net/ResearchDataAlliance](http://www.slideshare.net/ResearchDataAlliance)**

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**Yolanda Meleco, Project Director – [melecy@rpi.edu](mailto:melecy@rpi.edu)**

**Lynn Yarmey, Community Dev. – [yarmel@rpi.edu](mailto:yarmel@rpi.edu)**

**Web - [us.rd-alliance.org](http://us.rd-alliance.org)**