



RDA in a nutshell

April 2017

RDA meets researchers in Slovakia, 23 May
2017, Bratislava – Leif Laaksonen

THE RESEARCH DATA ALLIANCE

www.rd-alliance.org

*building the social and technical
bridges that enable open sharing of
data*

17 FLAGSHIP OUTPUTS

of which 4 ICT
Technical
Specifications

75 ADOPTION CASES

across multiple
disciplines,
organisations &
countries

81 GROUPS WORKING ON GLOBAL DATA INTEROPERABILITY CHALLENGES

of which 30 WORKING GROUPS
& 51 INTEREST GROUPS

5,418 INDIVIDUAL MEMBERS FROM 123 COUNTRIES

66% Academia & Research
15% Public Administration
11% Enterprise & Industry

43 ORGANISATIONAL MEMBERS & 8 AFFILIATE MEMBERS



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.

What is RDA?

RDA is 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.

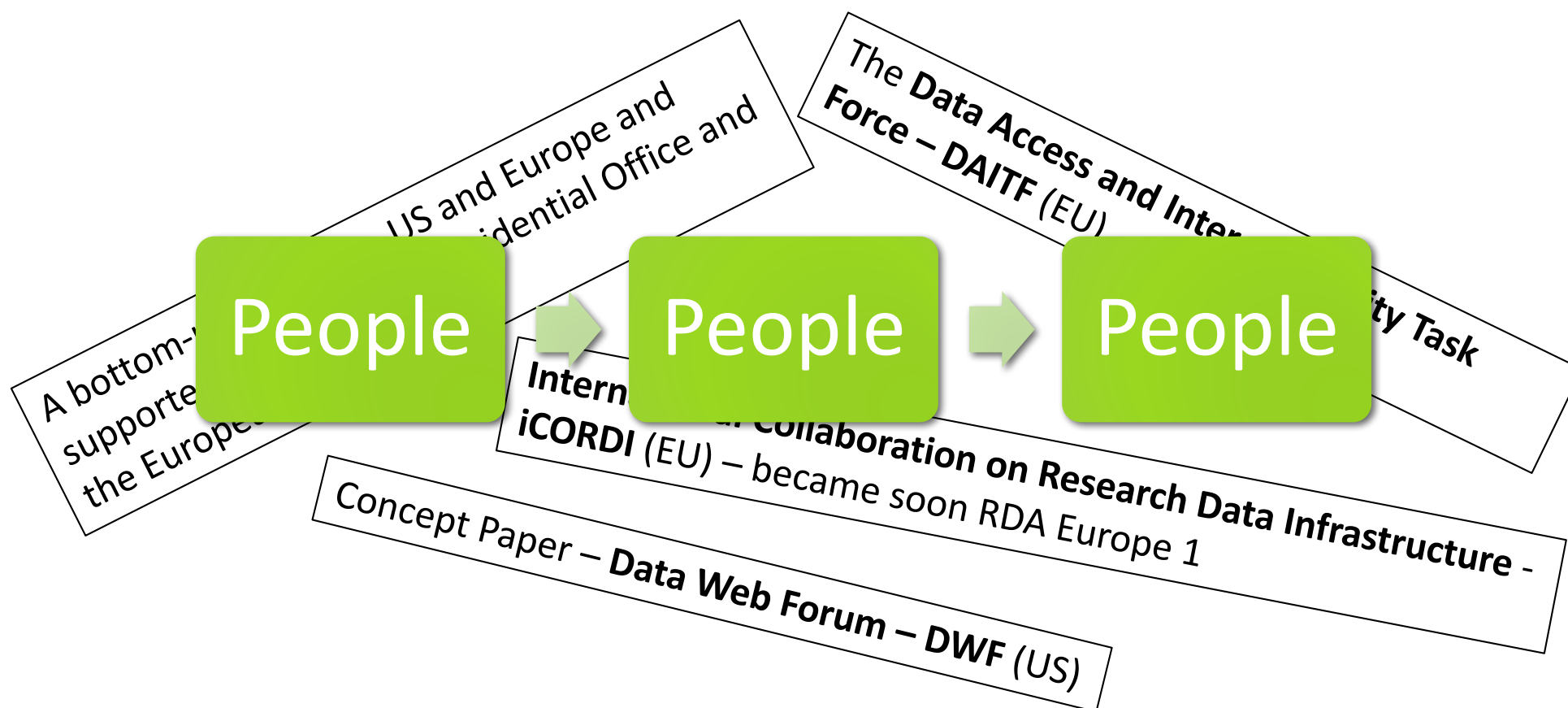
With more than 5,400 members globally representing 123 countries, RDA includes **researchers, scientists and data science professionals** working in multiple disciplines, domains and thematic fields and from different types of organisations across the globe.

RDA is building the social and technical bridges that enable open sharing of data to achieve its vision of researchers and innovators openly sharing data across technologies, disciplines, and countries to address the grand challenges of society.

Strong linkage into the European Open Science Cloud (EOSC)

THE EUROPEAN OPEN SCIENCE CLOUD (EOSC) AIMS TO ACCELERATE AND SUPPORT THE CURRENT TRANSITION TO MORE EFFECTIVE OPEN SCIENCE AND OPEN INNOVATION IN THE DIGITAL SINGLE MARKET.

How did it all start?



From DAITF/DWF to RDA

- The **Data Access and Interoperability Task Force** (DAITF) grew as an offspring to EUDAT and OpenAIRE with the help from the European Commission
 - Meeting in Lyon September 2011
 - Pre ICRI DAITF Preparation Workshop, Copenhagen, 20/21 March 2012
- RDA Europe project proposal refining the concept of the DAITF (EU) 2011 – with a start Sep 2012
- Concept Paper – **Data Web Forum** (US) presented in 2012
- RDA Global Steering Group was established in August 2012 (high level push by NSF + EC + AU)
- “Research Data Alliance Planning Meeting: Global Data” 1 – 3 October 2012 in Washington DC
- EUDAT 1st Conference in Barcelona 22-24 October 2012 had several presentations about the RDA and a broad discussion
- The first RDA Council members announced in Barcelona 2012 during the EUDAT conference: Fran Berman (US), John Wood (EU), Ross Wilkinson (AU)
- **RDA launched in Gothenburg on the 18th March 2013**

What does RDA do?

Members come together through self-formed, volunteer, focussed Working Groups, 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 members collaborate together across the globe to tackle numerous infrastructure & data sharing challenges related to:

- ❖ Reproducibility
- ❖ Data preservation
- ❖ Best practices for domain repositories
- ❖ Legal interoperability
- ❖ Data citation
- ❖ Data type registries
- ❖ Metadata
- ❖ and so many more!



Who Can Join RDA?

Any individual or organization, regardless of profession or discipline, with an interest in reducing the barriers to data sharing and re-use and who agrees to RDA's guiding principles of:

- *Openness*
- *Consensus*
- *Balance*
- *Harmonization*
- *Community-driven*
- *Non-profit and technology-neutral*



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

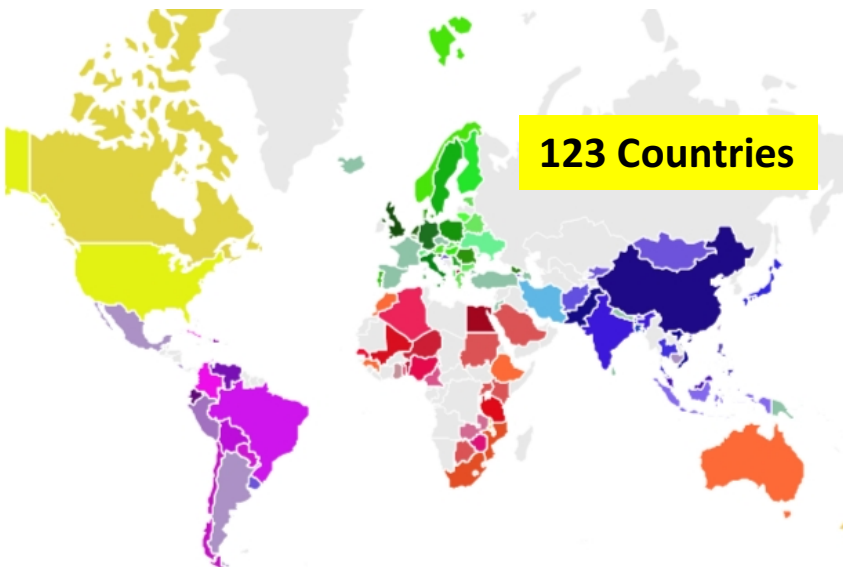
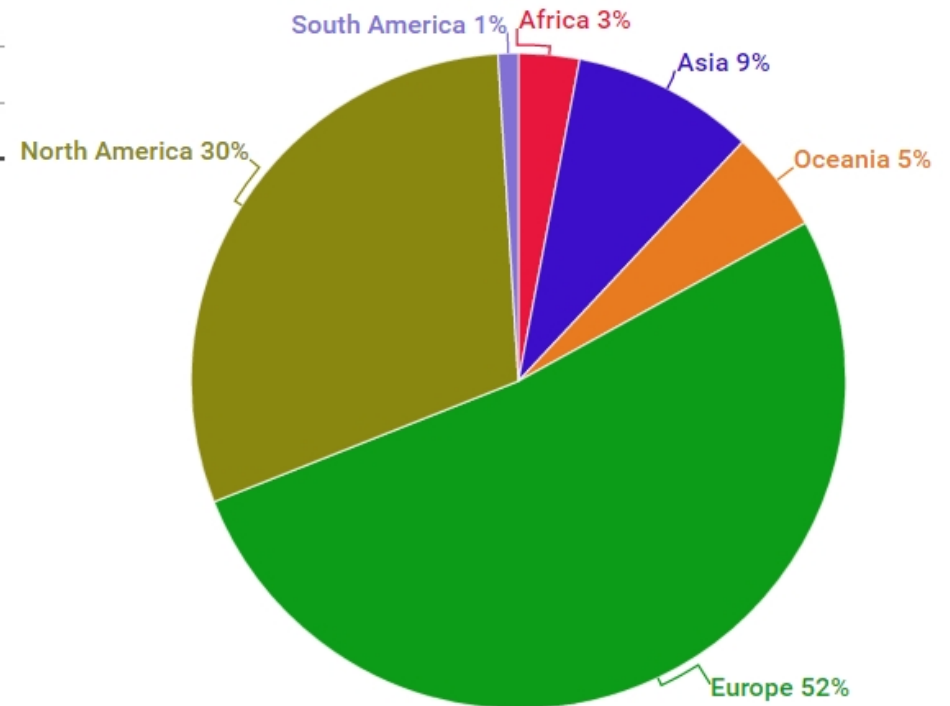
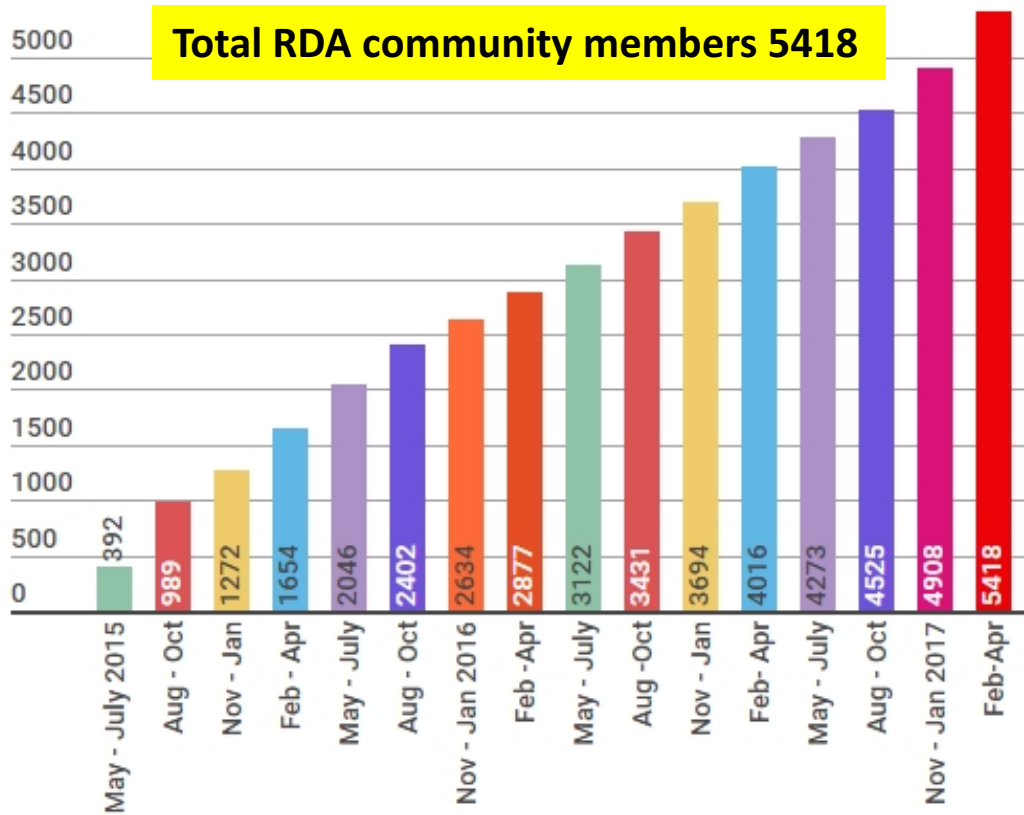
Why Join RDA as an Individual Member?

Individual Member Benefits

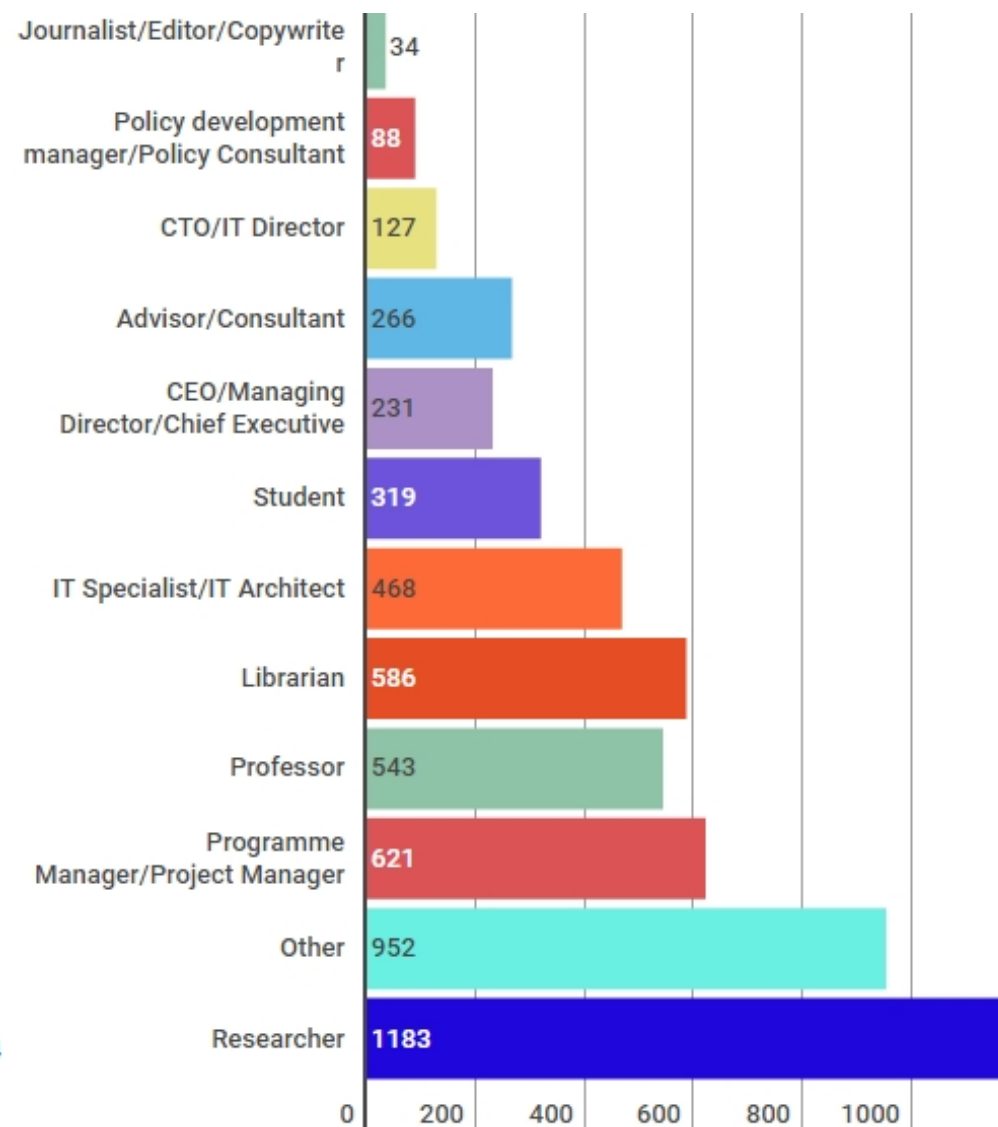
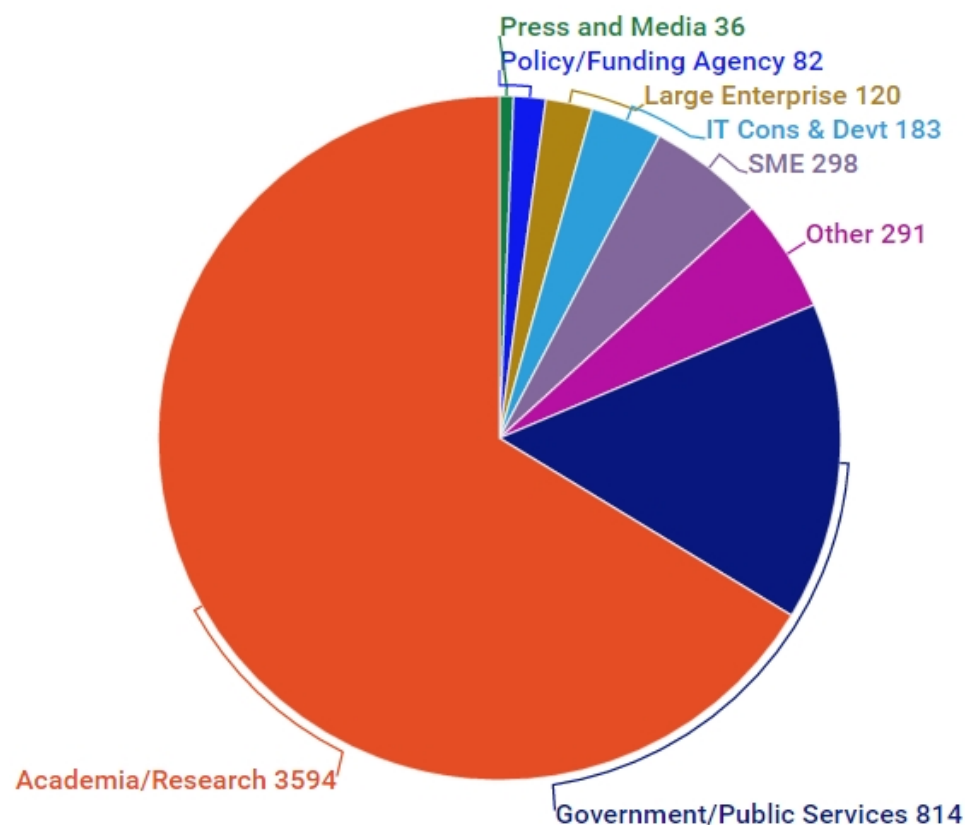
- **Contribute** to acceleration of data infrastructure development
- Work and **share experiences** with collaborators throughout the world
- **Access** to extraordinary network of colleagues with various levels of experience, perspectives and practices
- Gain greater **expertise** in data science regardless of whether one is a student, early or seasoned career professional
- **Enhance** the quality and effectiveness of personal work and activities
- **Improve** one's competitive advantage professionally and positioning oneself for leadership within the broader research community

Individual RDA Members 5418

RDA worldwide growth



Who is RDA?



Why Join RDA as an Organisational Member?

Organisational Member Benefits

- Provide an **organizational perspective** on the work of RDA and ability to influence RDA's direction
- Assist in **implementation & adoption** of RDA Recommendations & Outputs
- Participate in all RDA Organizational Forums
- Receive regular **updates** on the work of the RDA
- Attend Organizational Assembly meetings and vote on **proposed policies** for consideration by the RDA Council and for members of the Organizational Advisory Board
- Provide **advice to RDA Council** through the Organizational Advisory Board
- Be recognized on the RDA Website and at RDA Meetings as a **supporter of data interoperability**

43 Organisational & 8 Affiliate Members

Francoise will take you through the WGs and IGs...

I WILL JUST SAY A WORD ON RDA OUTCOMES



RDA Recommendations & Outputs



THE RDA OUTCOMES LEGEND

Recommendations: are the flagship outputs of RDA. They are RDA's equivalent of the "specifications" or "standards" that other organisations create and endorse. The process for creating and endorsing these is already defined.

Supporting Outputs: are the outputs of RDA WGs and IGs that are fruit of RDA work, but are not necessarily adoptable bridges. "Upon request", these sort of outputs go through a community comment period and if no major objections or gaps are identified they get the RDA Brand.

Other Outputs: include workshop reports, published articles, survey results, etc. Anything a WG or IG wants to register and report. Upon request, these are published and discoverable on the RDA website but have no level of endorsement.

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



The 10th RDA Plenary Meeting will take place from 19 to 21 September 2017 in Montreal, Canada. The meeting is co-organised by RDA, the University of Montreal and Research Data Canada, Canada.

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

RDA in a Nutshell

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