



# Research Data Alliance Austria

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Conference “The European Open Science Cloud: Austria takes initiative”, 30 October 2018, University of Vienna

Barbara Sánchez, TU Wien, RDA Austria

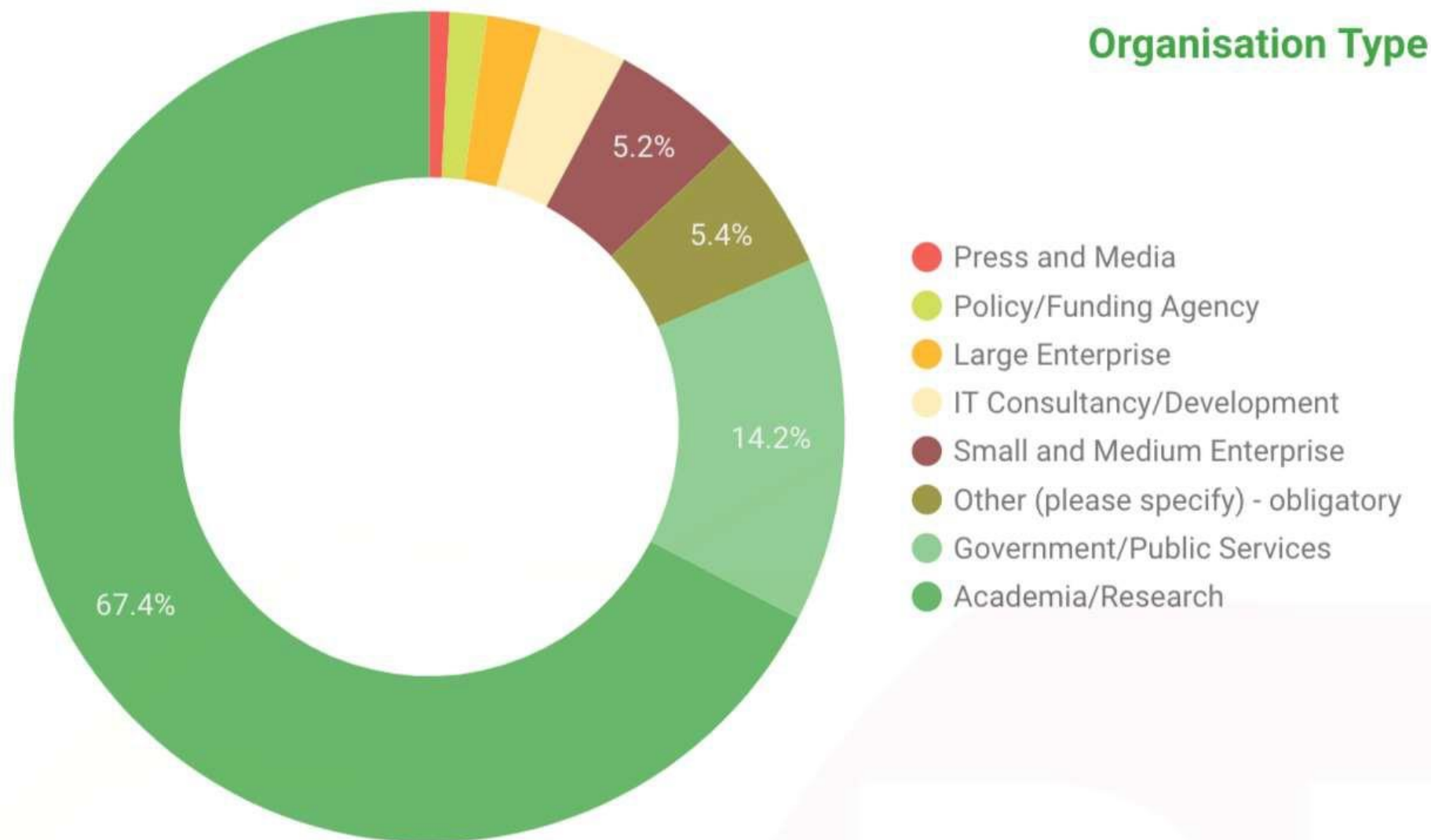
# What is RDA?

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 7,300 members globally representing 137 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.*

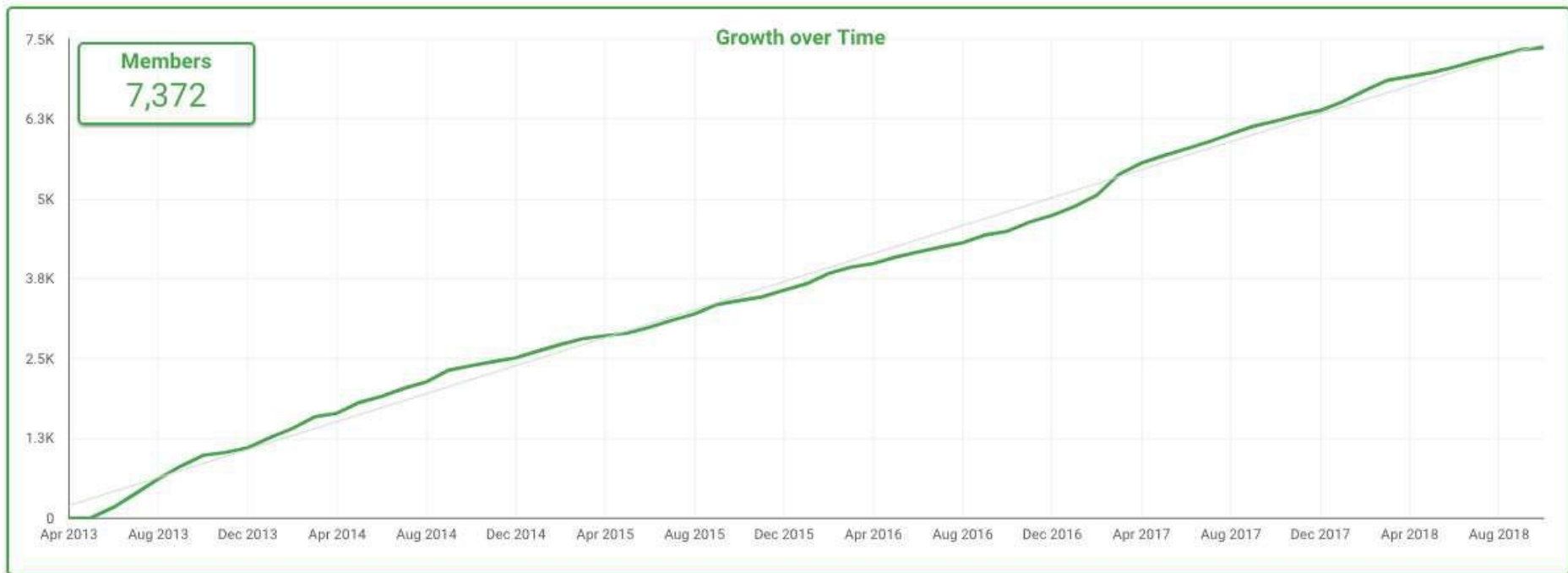
# Who is RDA



# RDA Worldwide Growth



## RDA Worldwide Growth



# RDA Europe



RESEARCH DATA ALLIANCE  
EUROPE

- European plug-in to the Research Data Alliance
- Launch of RDA Europe 4.0 in March 2018
- Mandated to become the **centrepiece for an EU Open Science Strategy**
- Establishment of a **network of national nodes** to foster adoption of RDA outputs in the region
- Calls to expand the network via a cascading grant funding mechanism

# RDA in Austria

- Serve cross border as a professional **connector** for global RDM and data sharing activities
- Go for **practical approaches**
- **Initiate** concrete **adoption projects** to disseminate outputs from RDA global initiatives on a national level
- Organize **events** and trainings that promote best practices in RDM
- Promote local **adoption** of **RDA recommendations**
- **Connect** Austrian research data **stakeholders**

# RDA Austria - Preparatory Workshop in Vienna

- “Data Stewardship Realized: From Planning to Action. Towards the Establishment of an Austrian Research Infrastructure”, November 2017
- Organized with the support of RDA Europe, the University of Vienna and the TU Wien





# Formation of RDA Austria



## **November 2017**

Dedicated **RDA group for Austria** to formally represent the Austrian data management community

## **December 2017**

Constitutive General Assembly of RDA Austria

## **March 2018**

First Member Forum



Foundation committee: Paolo Budroni, Raman Ganguly, Andreas Rauber, Barbara Sánchez, Tomasz Miksa (not in the picture: Seyavash Amini)



# Members of RDA Austria

The Austrian community responded quickly to the invitation to **build the social and technical bridges** that enable **open sharing of data**

- **3 institutional members:** TU Wien, University of Vienna, Know-Center Graz
- **28 individual members** from various Austrian research institutions from five federal provinces
- Contact established with: GOFAIR, OpenAIRE, e-Infrastructures Austria

# Austria: Planned Working Groups

- 1) Data citation, discovery and reuse
- 2) GDPR and research data
- 3) Research data management policies and services for academia, industry and SMEs
- 4) Machine-actionable data management plans
- 5) Specific challenges concerning research data in the digital humanities



## RDA WG Data Citation



- Research Data Alliance
- WG on Data Citation:  
**Making Dynamic Data Citeable**
- March 2014 – September 2015
  - Concentrating on the problems of **large, dynamic (changing) datasets**
- Final version presented Sep 2015 at P7 in Paris, France
- Endorsed September 2016 at P8 in Denver, CO
- Since then: supporting adopters



<https://www.rd-alliance.org/groups/data-citation-wg.html>



## DMP Common Standards WG



- Shortcomings of existing DMPs**
  - manually completed, vague, not updated, ...
- Machine-actionable DMPs**
  - living documents
  - automate data management
    - collect information from systems
    - trigger actions in systems
- Goal: Define common data model for machine-actionable DMPs**
  - to model information from standard DMPs
  - NOT a template
  - NOT a questionnaire
  - modular design
    - core set of elements
    - domain specific extensions
- 100+ members from around the world (DMP tool providers, funders, etc.)**
- work: online, workshops, plenary meetings**
- 18 months (Sep 2017 – Apr 2019)**

<https://www.rd-alliance.org/groups/dmp-common-standards-wg>



## Participation at RDA EU DATA INNOVATION FORUM











The screenshot shows the RDA website with a navigation bar and a main content area. The main content area features a large banner for the 'RDA EU Data Innovation Forum, 30 January 2018, Brussels, Belgium'. The banner includes the RDA logo, the date and location, and a description of the event. Below the banner, there is a section titled 'Next Event' which describes the 'Foundational School in Research Data Science'.

Presentation Paolo Budroni on [Data Management Policies for SMEs](#)

# Endorsement of the EOSC

On 11 April 2018, RDA Austria sent an endorsement to the October 2017 Declaration of the European Open Science Cloud

<div data-bbox="718 418 828 495"> RESEARCH DATA ALLIANCE AUSTRIA</div> <div data-bbox="394 549 772 594"><p><b>Research Data Alliance Austria</b> <b>Endorsement of the European Open Science Cloud</b></p></div> <div data-bbox="334 629 811 658"><p>Research Data Alliance Austria fully supports the 26 October 2017 Declaration of the European Open Science Cloud.</p></div> <div data-bbox="334 668 828 782"><p>Research Data Alliance Austria acts as a regional node of the Research Data Alliance (RDA), an international organization that serves as a professional connector for global activities dedicated to promoting and facilitating research data sharing. RDA Austria enables both national and transnational engagements, creating professional pathways to address data-related issues that are critical to both research community and the public at large. The primary goal of RDA Austria is to mitigate the wide range of technical, organizational, and cultural challenges that currently discourage open and effective sharing of publically funded research data assets.</p></div> <div data-bbox="334 791 817 872"><p>RDA Austria organizes events and trainings that promote best practices in research data management, effectively providing an incubation space for the development of shared services and common standards, including policy development, data management planning, and infrastructure interoperability requirements. RDA Austria's initial Work Packages, to be undertaken in 2018, will directly address:</p></div> <div data-bbox="353 881 720 963"><ul style="list-style-type: none"><li>1) data citation, discovery, and reuse</li><li>2) GDPR and its impact on research data</li><li>3) research data management policies for industry partners and SMEs</li><li>4) machine-actionable data management plans</li><li>5) unique challenges concerning research data in the digital humanities</li></ul></div> <div data-bbox="334 976 817 1025"><p>RDA Austria will specifically actively support the principles of the EOSC Declaration in the following areas: data culture, FAIR principles, data stewardship, skills, data management plans, technical implementations, standards, legal aspects and governance models.</p></div> <div data-bbox="334 1058 419 1072"><p>Vienna, 11.4.2018</p></div> <div data-bbox="334 1088 450 1102"><p>The RDA Austria Board</p></div> <div data-bbox="334 1145 568 1189"><p>Research Data Alliance Austria Favoritenstrasse 9-11/188, 1040 Vienna, Austria Contact: rauber@ifs.tuwien.ac.at</p></div> <div data-bbox="334 1220 469 1235"><p>Research Data Alliance Austria</p></div>	<div data-bbox="1421 418 1532 495"> RESEARCH DATA ALLIANCE AUSTRIA</div> <div data-bbox="1047 558 1143 572"><p><b>RDA Austria Board</b></p></div> <div data-bbox="1047 604 1296 618"><p>Andreas Rauber (TU Wien), Chairman RDA Austria</p></div> <div data-bbox="1047 629 1159 658"></div> <div data-bbox="1047 674 1421 688"><p>Barbara Sánchez Solís (University of Vienna), Chairman Deputy RDA Austria</p></div> <div data-bbox="1047 701 1207 729"></div> <div data-bbox="1047 746 1354 761"><p>Raman Ganguly (University of Vienna), Secretary RDA Austria</p></div> <div data-bbox="1047 772 1176 829"></div> <div data-bbox="1047 839 1383 853"><p>Paolo Budroni (University of Vienna), Secretary Deputy RDA Austria</p></div> <div data-bbox="1047 866 1139 895"></div> <div data-bbox="1047 913 1286 928"><p>Tomasz Miksa (TU Wien), Treasurer RDA Austria</p></div> <div data-bbox="1047 941 1195 969"></div> <div data-bbox="1047 986 1300 1001"><p>Seyavash Amini (Ivocat), Legal Advisor RDA Austria</p></div> <div data-bbox="1047 1029 1180 1079"></div> <div data-bbox="1047 1220 1182 1235"><p>Research Data Alliance Austria</p></div>
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# RDA Twelfth Plenary Meeting

part of the International Data Week 2018

Gaborone, Botswana, 5-8 November 2018

[Register now](#)

News & Events

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To find out more visit:  
<https://www.rd-alliance.org/plenaries/rda-twelfth-plenary-meeting-part-international-data-week-2018-gaborone-botswana>

# Linking to training initiatives

Outlook April 2019:

**Train-the-trainer workshop** on GO Change, GO Train, Go Build in cooperation with the project e-Infrastructures Austria – WP2 “Creation of GOFAIR Reference Points at Austrian Research Institutions”, in cooperation with GOFAIR International and OpenAIRE



e·infra  
austria

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

Twitter: @resdatall

Slides partly taken from  
RDA Global,  
Slideshare -

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

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