Research Data Alliance Austria

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

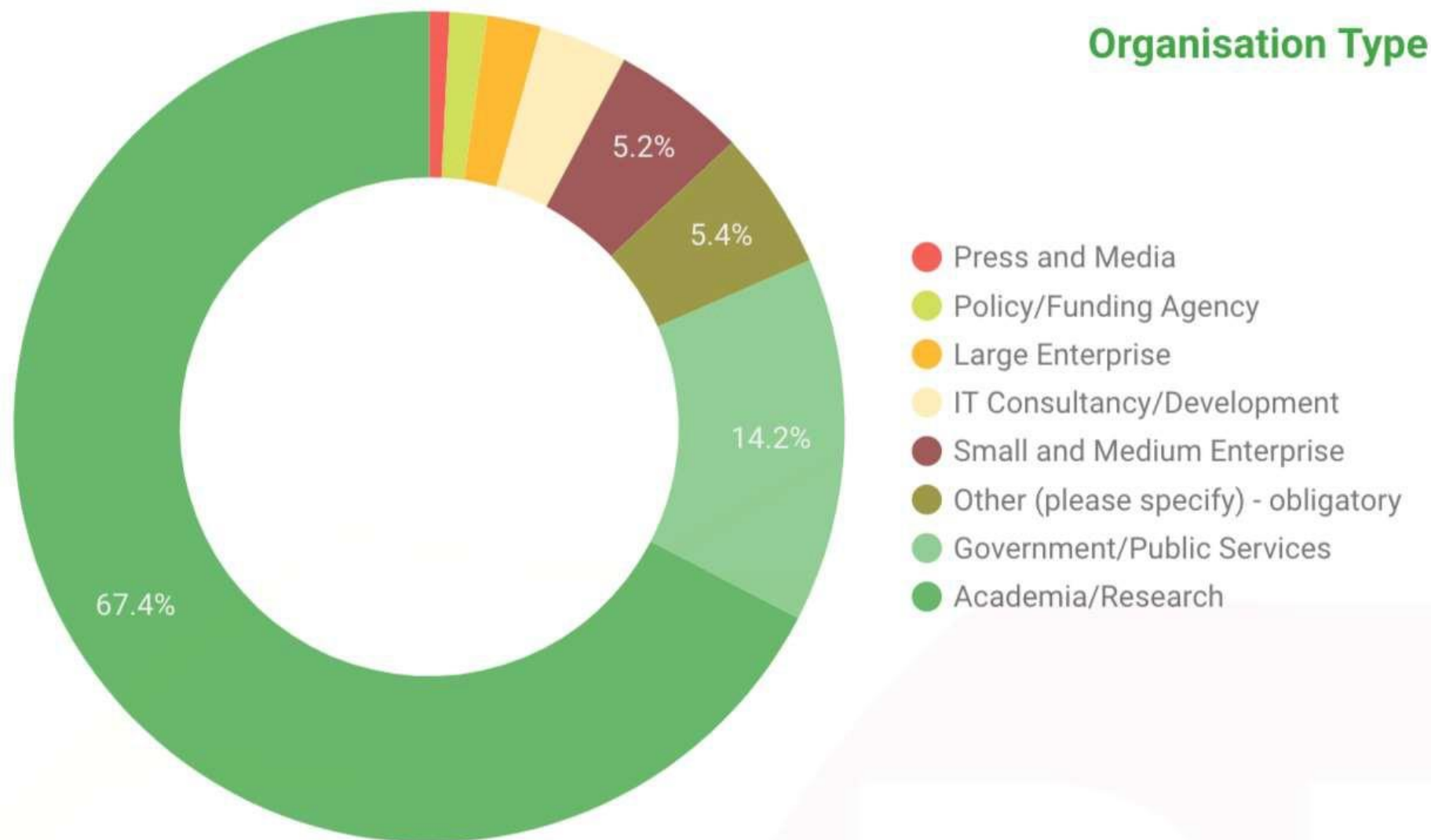Barbara Sánchez, TU Wien, RDA Austria

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.
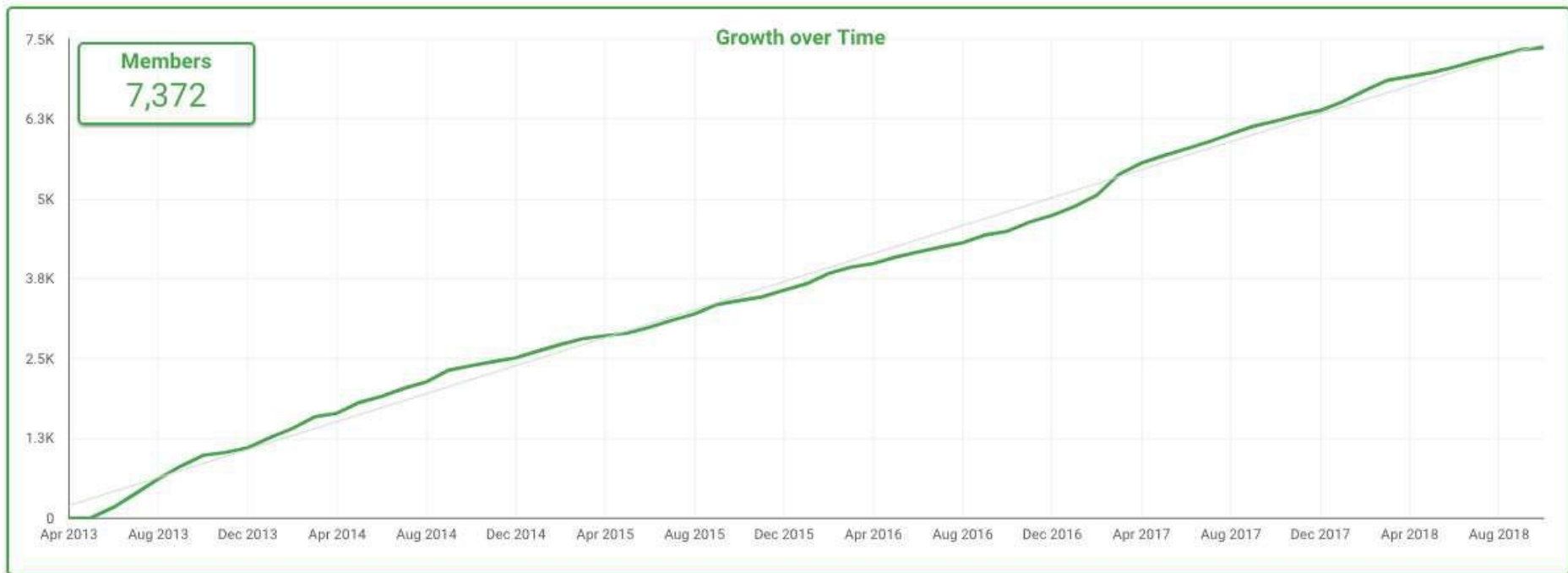
Who is RDA

Organisation Type

- 5.2%
- 5.4%
- 14.2%
- 67.4%

- Press and Media
- Policy/Funding Agency
- Large Enterprise
- IT Consultancy/Development
- Small and Medium Enterprise
- Other (please specify) - obligatory
- Government/Public Services
- Academia/Research

RDA Worldwide Growth

RDA 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

ifs FACULTY OF !NFORMATICS

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

RDA EU Data Innovation Forum, 30 January 2018, Brussels, Belgium

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

To find out more visit:

rd-alliance.org/plenaries

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

Contact **RDA Global**:
Email: enquiries@rd-alliance.org
Web: www.rd-alliance.org
Twitter: @resdatall

Slides partly taken from RDA Global, Slideshare - http://www.slideshare.net/ResearchDataAlliance

Contact RDA Austria – Board

Email: info@rd-alliance.at

Andreas Rauber, TU Wien, Chairman	rauber@ifs.tuwien.ac.at
Barbara Sánchez Solís, TU Wien, Chairman Deputy	barbara.sanchez@tuwien.ac.at
Raman Ganguly, University of Vienna, Secretary	raman.ganguly@univie.ac.at
Tomasz Miksa, TU Wien, Treasurer	miksa@ifs.tuwien.ac.at
Paolo Budroni, University of Vienna, Secretary Deputy	paolo.budroni@univie.ac.at
Seyavash Amini, Ivocat, Legal Advisor	amini@ivocat.de