



RESEARCH DATA ALLIANCE

# International data sharing and data integration through RDA

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# What is RDA?

The Research Data Alliance (RDA) builds the **social and technical bridges** that **enable open sharing** of data.



- **8,800** members from **137** countries
- **61** Interest groups, **33** Working Groups
- Researchers, scientists and data science professionals
- Multiple disciplines, domains and thematic fields
- A **neutral** space to develop and adopt **infrastructure recommendations**
- Promotes data-sharing practices and data-driven research.

## RDA Vision

**Researchers and innovators** openly share data across technologies, disciplines, and countries to address the grand challenges of society.

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

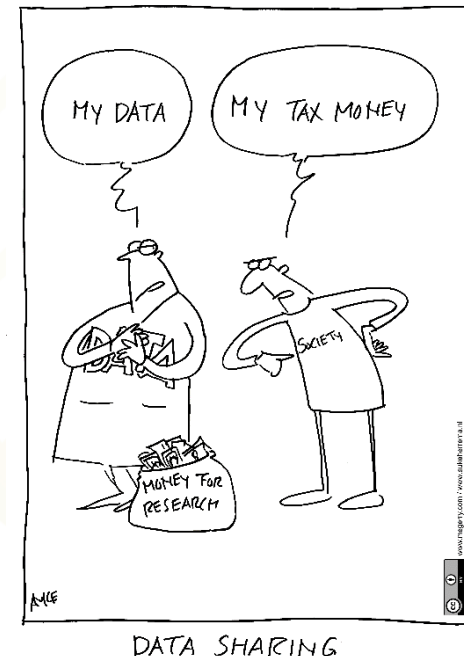


# What does RDA do?

***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 and re-use***

RDA members collaborate together 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 many more



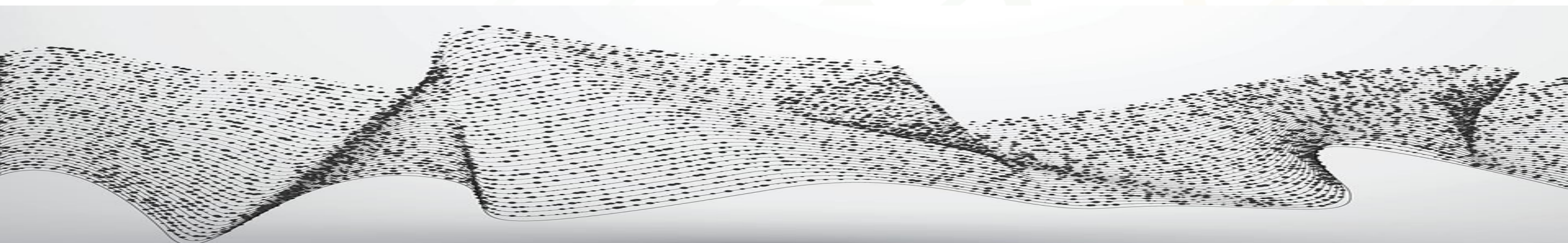


# What can RDA recommendations do for GBIF?

RDA recommendations such as FAIRSharing, persistent identifier kernel information, attribution metadata and dynamic data citation underpin the development of a **cross-domain 'data fabric'**

This data fabric is an architecture and set of data services that provide consistent capabilities across scientific domains and technical solutions.

When applied to GBIF data, it will allow researchers and innovators to openly share GBIF data **across technologies, disciplines, and countries** to address the grand challenges of society.







## discipline-specific Interest Group: Biodiversity Data Integration IG

Represent the needs from e.g. GBIF

TDWG Standards + Project results -> technical specification -> legislation



## GO FAIR Implementation Network (IN)

Create specific materials and tools



Better integration of GBIF data with research environments and multidisciplinary research.

