



# RDA-pt: a Portuguese community in the Research Data Alliance

Cristina Ribeiro, Irene Rodrigues



# The Research Data Alliance

- Community-driven organisation
  - Starts 2013, EU+ NSF+ NIST+ Austrália
- ~9.000 members, 137 countries (September 2019)
  - Free participation for individuals, organizations contribute with fee
- Organisation
  - Interest Groups (55): focused on specific area, launch WG for tasks
  - Working Groups (32): 18 meses, solution and its dissemination

# 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 8,200 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.*



## 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.

## THE RESEARCH DATA ALLIANCE

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

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

**32 FLAGSHIP OUTPUTS**

of which 4 ICT Technical Specifications

**75 ADOPTION CASES**

across multiple disciplines, organisations & countries

**87 GROUPS WORKING ON GLOBAL DATA INTEROPERABILITY CHALLENGES**

*of which 32 WORKING GROUPS & 55 INTEREST GROUPS*

**8,810 INDIVIDUAL MEMBERS FROM 137 COUNTRIES**

68% Academia & Research  
14,1% Public Administration  
12,7% Enterprise & Industry

**50 ORGANISATIONAL MEMBERS & 9 AFFILIATE MEMBERS**

<https://rd-alliance.org/about-rda/>

# RDA-Europe: European plugin to the RDA



- Pioneer nodes in RDA-4
  - **Greece** Athena Research Center
  - **UK** STFC (Science and Technology Facilities Council)
  - **Spain** BSC (Barcelona Supercomputing Centre)
  - **Italy** CNR-ISTI (National Research Council)
  - **Netherlands** DANS (Data Archiving and Networked Services)
  - **Finland** CSC (Tieteen Tietotekniikan Keskus)
  - **Germany** Max Planck Institute
  - **France** CNRS (Centre National de la Recherche Scientifique)
  - **Ireland** National Library of Ireland

# RDA-Europe: Build a network of nodes

- 1st call August 2018, 4 new nodes
  - **Austria** RDA Austria
  - **Denmark** DM Forum (National Forum for Research Data Management)
  - **Portugal** INESC TEC (leading a group of 8 institutions)
  - **Slovenia** ADP (Social Science Data Archives)

# RDA-Europe: Build a network of nodes

- 2nd call April 2019, 6 new nodes
  - **Croatia** SRCE (University of Zagreb Computing Center)
  - **Czech Republic** Plan4all
  - **Hungary** HRDA
  - **Lithuania** *Group of institutions*
  - **Norway** NSD (leading a group of 7 institutions)
  - **Sweden** SND (Swedish National Data)

# RDA-Europe: Build a network of nodes

- 3rd call September 2019
  
  
  
  
  
  
  
  
  
  
- Goal of RDA-4: network of 22 nodes





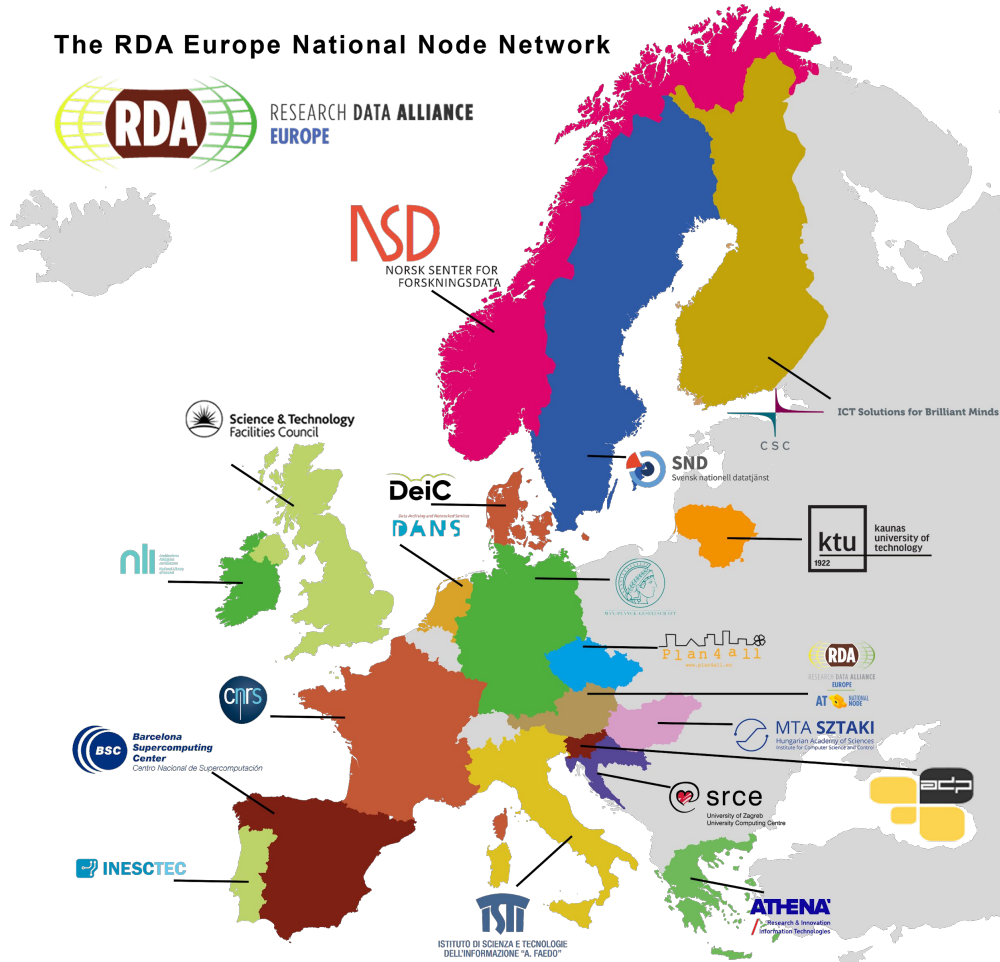
# The RDA Europe National Node Network



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Current:  
19 nodes





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# RDA in Portugal (RDA-pt)

- **Vision**

- Researchers, institutions and FCT define data management practices, choose technologies and use a network infrastructure for data access, preservation and sharing

- **Mission**

- RDA-pt builds a community with interest in open data; disseminates, proposes technical solutions and surveys case studies in multiple domains

# RDA prior activity in Portugal

- Participation in Interest Groups/ Working Groups
  - 58 people registered
  - Contributions to documents and presentations
- Responsibility in Groups
  - *Repository Platforms for Research Data*: João Rocha is a co-chair
  - *RDA in Portugal*: Cristina Ribeiro, Irene Rodrigues coordinators
- RDA plenaries: 19 participations
  - Including various contributions: special sessions in projects, session organization, presentations in sessions, posters

# RDA-pt key personnel

**Cristina Ribeiro** (INESC TEC, University of Porto)

**Irene Rodrigues** (University of Évora)

**Maria Manuel Borges** (University of Coimbra)

**José Borbinha** (Instituto Superior Técnico, University of Lisbon)

**João Miranda** (Polytechnic Institute of Portalegre)

**Pedro Moura Ferreira** (ICS, University of Lisbon)

**Eloy Rodrigues** (University of Minho)

**Francisco Barbedo** (DGLAB, Portuguese National Archives)

# RDA-pt SWOT analysis

- Strengths
  - Large experience in Open Access (RCAAP)
  - Strong international connections
  - Motivated community
- Weaknesses
  - Few people
  - Ambiguity in funding mechanisms
  - Little visibility of the national policies in this area

# RDA-pt SWOT analysis

- Opportunities
  - European mandates (strong) and FCT mandates
  - European funding
  - Growing awareness in disciplinary groups
- Threats
  - Poor alignment of incentives and penalties
  - “Band-aid” solutions compromise more solid ones
  - “Buzzwords” create saturation

# RDA-pt planned activities



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	pre-contract			Part 1									Part 2							
	2018			2019									2020							
MONTH	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Ago	Set	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
EVENT		E1						E2	E3				E4	E5				E6		
PLENARY		P12											P14							P15
E1	RDA-pt presentation in Forum GDI, national RDM forum																			
E2	(in disciplinary event) RDA-pt co-located event																			
E3	(in disciplinary event) RDA-pt co-located event																			
E4	Organisation of co-located RDA-pt event in ConfOA (Brazil)																			
E5	(in disciplinary event) RDA-pt co-located event																			
E6	(in disciplinary event) RDA-pt co-located event																			
(P12)	Plenary 12, no plan by RDA-pt																			
P13	Plenary 13, Philadelphia, RDA-pt participation																			
P14	Plenary 14, Helsinki, RDA-pt participation																			
P15	Plenary 15, ??, RDA-pt participation																			

# RDA-pt ongoing activities



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	pre-contract			Part 1										Part 2						
	2018			2019										2020						
MONTH	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Ago	Set	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
EVENT		E1						E2	E3	E4		E5	E6	E7				E8		
PLENARY		P12											P14							P15
E1	RDA-pt presentation in Forum GDI, national RDM forum																			
E2a, E2b, E2c	Participation in disciplinary events								Porto4Ageing	C4G Coordination Council				WS Comp. Data Analysis Num. Methods						
E3, E4	RDA-pt participation in disciplinary event+ National Science								Biodata.PT- ELIXIR				Ciência 2019							
E5	Organisation of co-located RDA-pt event in OSF								Open Science Fair: RDA-pt The Portuguese Node of the Research Data Alliance											
E6	Organisation of co-located RDA-pt event in ConfOA (Brazil)								WS at the Portuguese-Brazilian Conference on Open Access											
E7	(in disciplinary event) RDA-pt co-located event																			
E8	(in disciplinary event) RDA-pt co-located event																			
P13	Plenary 13, Philadelphia, RDA-pt participation								João Rocha da Silva, RDA-pt participation						Joana Rodrigues, RDA Early Career Grant					
P14	Plenary 14, Helsinki, RDA-pt participation								Cristina Ribeiro, Irene Rodrigues, RDA node						4 RDA-pt grants + 2 RDA Early Career Grants					
P15	Plenary 15, Melbourne, RDA-pt participation																			





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# RDA-pt goal: Build a community

- More participation in RDA global
  - Number of members
  - Contributions to Interest Groups/ Working Groups
- Co-organization of events
  - RDA presentations in events: disciplinary and open science
- Open calls for plenary participation

# RDA-pt goal: Liaise with infrastructures

- Alignment with international infrastructures
  - ELIXIR (U. Lisboa)
  - EPOS ( U. Évora, INESC TEC, P. Portalegre)
  - CESSDA (ICS)
  - CLARIN (U. Évora)
  - LifeWatch (INESC TEC)
- Entry point: infrastructures of the Portuguese roadmap

# RDA-pt goal: collaborate Europe + Brazil



- European nodes
  - Take advantage of the network and activities in RDA-4
  - Learn from extensive experience of pioneer nodes
- Brazil
  - RDA in Brazil starting
  - RDA-pt workshop on October 4, 2019, part of CONFOA, the Portuguese-Brazilian Conference on Open Access

# RDA-pt goal: Adopt recommendations

Title	Group	Impact
Persistent Identifier Type Registry	PID Information Types Working Group	Defines standard core PID information types to enable simplified verification of data identity and integrity
Scalable Dynamic-data Citation Methodology	Data Citation Working Group	Supporting accurate citation of data subjected to change, for the efficient processing of data and linking from publications.

# RDA-pt goal: contribute to sustainability

- RDA foundation seeks sustainability model
- Regional structure
  - RDA Regional Engagement Group
    - Ongoing discussion
    - A basis for a model of contributions (PIB, members, region dimensions)
- Sustainability in RDA-pt
  - Alignment with Open Science goals in FCT



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# How can you participate in RDA?

- Join as a member
  - No cost, access to all groups and results
  - Sign up for Interest Groups and Working Groups
- Join RDA in Portugal
  - Highlight the presence of the Portuguese community in RDA
  - 51 of the 150 Portuguese members of RDA have signed up for the node

# How can you participate in RDA-pt?

- Promote activities and suggest actions
  - Related to open science and research data
  - Disseminate actions in disciplinary events
- Connect to groups/ institutions in charge of data
  - Disseminate node activities
  - Look up and recommend Interest Groups and Working Groups

# Opportunities & Grants



## RDA Europe grants

- Participate in plenaries: Early Career Programme (for individuals)
- Participate in plenaries: Experts (for individuals)
- Adoption Grants (for organisations adopting recommendations)
- Ambassadors (for individuals)
- Check out the the open calls: [grants.rd-alliance.org](https://grants.rd-alliance.org)





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# RDA in ITALY



# RDA Europe: the experience of the Italian node

Gina Pavone

CNR/ISTI Open AIRE Noad and RDA node responsible

# Open Science Webinar Series



# Open Science

## Webinar Series 2018 and 2019

- Collaboration: OpenAIRE NOADs, Italian RDA Node, IOSSG (Italian Open Science Support Group)
- Purpose: **networking** and coordination with other initiatives, **avoid duplication of efforts** and dispersion of participants
- The three **organisers** were introduced at the beginning of each webinar and their services underlined
- In each webinar was presented: RDA and the Italian node, RDA results and **WG and IG** related to the treated issue
- Structured in a **simple and interactive** way: 30 min. of presentation and 30 min. of discussion
- **Speakers** selected within RDA community

# > Why webinars?

- reach a larger **audience**
- no travel or venue **costs** for participants
- **focus** on specific aspects

## > Main aims:

- **introduce** them to Open Science related topics and RDA specific themes
- provide clear **information** and practical **tools** to the users
- **engage** the community in a simple way
- foster participation and **interaction** with the users

# > Three Series completed

## **2 in Autumn 2018**

total 4 Chapters, 1 hour each:

- 1.1 Open Science Introduction and OA to Publications
- 2.1 RDM and OA to Data
- 2.2 FAIR Data and Action Plan
- 2.3 DMP and Practical Tools

## **1 in Spring 2019**

total 3 Chapters, 1 hour each:

- 3.1 Legal aspects of research data
- 3.2 Data stewardship e Research Data Management
- 3.3 Data Management Plan

# > Results

- Total about 500 participants
- Very interactive
- Materials: Presentations, Q&A Document, Recordings
- Certificates of attendance released

# > Italian RDA node members growth





# > Workshop at MIUR

May 23th



National node workshop held at MIUR premises (Italian Ministry of Education, University and Research)

In collaboration with **ICDI** (Italian Computing and Data Infrastructure), a forum of the main Italian Research Infrastructures and e-infrastructures.

- Main aim: introducing RDA and the Italian node
- Themes touched upon: **legal aspects** of research data sharing, data stewardship and data management plan
- Experts from RDA community



# > Italian Open Science portal

The idea: provide a **single national point of access** for Open Science issues

First in Italian

Info on RDA and initiatives related to OS

4 user types:

- Researcher
- Institution
- Funder
- Repository manager





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# RDA in FRANCE



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# RDA in GERMANY



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# RDA in DENMARK