The International Data Community contributing to the European Open Science Cloud

Find out how the Research Data Alliance and RDA Europe 4.0 impact the EOSC implementation and advance research data sharing in Europe

THE RESEARCH DATA ALLIANCE
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

8900+ INDIVIDUAL MEMBERS FROM 137 COUNTRIES
68% Academia & Research
14,1% Public Administration
12,7% Enterprise & Industry

50 ORGANISATIONAL MEMBERS &
9 AFFILIATE MEMBERS

www.rd-alliance.org
@RDA_Europe

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With over 8900 members (50% from Europe) and 87 working & interest groups (of which 25+ domain specific), RDA is the strategic partner to represent the research data community for EOSC and to achieve progress in thematic areas that need a global approach in a common framework.

RDA is the context where existing and new EOSC initiatives can collaborate on best practises, guidelines and standards with international partners, and where EOSC approaches can be promoted globally.

The International Research Data Community contributing to EOSC
This EOSC Event at the RDA Helsinki Plenary is an integral part of the EOSC Stakeholder Forum

22nd October 2019, 9:00 - 17:00
Helsinki, Finland

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| Architecture     | A number of working groups relevant to barrier removal and data sharing | ○ Brokering Framework WG  
|                  |                              | ○ National Data Services IG  
|                  |                              | ○ Provenance Patterns WG  
|                  |                              | ○ RDA/CODATA Legal Interoperability IG  
|                  |                              | ○ Storage Service Definitions WG |
| Data             | RDA fosters the development of professional practices in research data management and stewardship on an international scale. | ○ Data Versioning WG  
|                  |                              | ○ DMP Common Standards WG  
|                  |                              | ○ Exposing Data Management Plans WG  
|                  |                              | ○ FAIR Data Maturity Model WG  
|                  |                              | ○ Repository Audit and Certification DSA–WDS Partnership WG  
|                  |                              | ○ WDS/RDA Assessment of Data Fitness for Use WG  
|                  |                              | ○ A number of disciplinary groups |
| Services         | RDA provides a forum for all 5 types of services for researchers defined in the EOSC roadmap. | ○ Data Citation WG  
|                  | ○ Identification & authentication  
|                  | ○ Work environment  
|                  | ○ Access to service information  
|                  | ○ Find, access, re-use and analyse research data generated by others  
|                  | ○ Make data FAIR  
|                  | ○ Data Description Registry Interoperability WG  
|                  | ○ Data Usage Metrics WG  
|                  | ○ Research Data Collections WG  
|                  | ○ Research Data Repository Interoperability WG |
| Access & Interface | RDA works on globalising metadata standards for including research data services in catalogues, both for universal entry point for all potential users and for community specific interfaces built on a common platform. | ○ Data Type Registries WG  
|                   | ○ FAIRSharing Registry: connecting data policies, standards & databases WG  
|                   | ○ Metadata Standards Catalog WG  
|                   | ○ Persistent Identification of Instruments WG  
|                   | ○ PID Kernel Information WG  
|                   | ○ Software Source Code Identification WG |
| Rules            | Leveraging the clear and transparent RDA process for producing and endorsing its outputs as Recommendations, three waves of outputs from the RDA groups have been submitted to the European multi-stakeholders’ platform on ICT standardisation to be recognised as ICT technical specifications. | ○ T51 Data Foundation & Terminology Model  
|                  | ○ T52 PID Information Types API- Persistent Identifier Type Registry  
|                  | ○ T53 Data Type Registries Model  
|                  | ○ T54 Practical Policies recommendations  
|                  | ○ T55 Dynamic-data Citation Methodology  
|                  | ○ T56 Data Description Registry Interoperability Model  
|                  | ○ T57 RDA/WDS Repository Audit and Certification Catalogues  
|                  | ○ T58 RDA/WDS Publishing Data Services |
| Governance       | RDA is a bottom up organization, but equally an organization that funders and others trust to carry out its mission subject to its guiding principles. | ○ Research Funders and Stakeholders on Open Research and Data Management Policies and Practices IG  
|                  |                              | ○ Data for Development IG |