RDA
RESEARCH DATA ALLIANCE

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

With over 9000 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.

RDA impact on the EOSC Implementation Roadmap

Outcome #1 RDA Recommendations and outputs

A number of WG and IGs are developing recommendations and outputs relevant to barrier removal and data sharing, therefore bringing an impact on the EOSC Implementation Roadmap an on the work of the **EOSC Architecture WG**.

EOSC Action line	What RDA is bringing to EOSC	Examples of relevant RDA working & Interest groups
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. » Identification & authentication » Work environment » Access to service information » Find, access, re-use and analyse research data generated by others » Make data FAIR	» Data Citation WG » 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.	» TS1 Data Foundation & Terminology Model » TS2 PID Information Types API-Persistent Identifier Type Registry » TS3 Data Type Registries Model » TS4 Practical Policies recommendations » TS5 Dynamic-data Citation Methodology » TS6 Data Description Registry Interoperability Model » TS7 RDA/WDS Repository Audit and Certification Catalogues » TS8 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

Outcome #2 RDA International community

RDA is a bottom-up organisation in a context where existing and new EOSC initiatives can collaborate on best practices, guidelines and standards with international partners, and where EOSC approaches can be promoted globally. This matches with the objectives of the **EOSC International Task Force**.

Outcome #3 RDA contribution to FAIR

RDA fosters the development of professional practices in research data management and stewardship on an international scale, specifically related to better culture and practical skills in research data management; developing FAIR data tools; fostering demand for FAIR data through consistent FAIR data mandates and incentives. RDA is already actively feeding all these results into the **EOSC Working Group on FAIR**.

RDA for you

Search your groups and outputs
rd-alliance.org/rda-for-you

RDA Europe 4.0

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Consortium
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19 national nodes
A, CZ, DE, DK, ES, FI, FR, GR, HR, HU, IE, IT, LT, NL, NO, PT, SE, SLO, UK

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