eurac
research

Eurac Research
RDM Roadmap

2024-2026

This RDM Roadmap is a living document that sets objectives and delivery targets for research data management services[1] in Eurac Research. The overall aim of research data management services is to ensure good data and source code management practices in Eurac Research. This RDM Roadmap follows the RDM Roadmap 2021-23. Research data and source code management in Eurac Research is framed by the Eurac Research Data and Source Code Management Strategy and Policy.[2]

A. Strategy and Policy Development

OBJECTIVES	ACTIONS	DELIVERABLES/ MILESTONES	RESPONSIBLE PERSON(S)	TARGET YEAR (2024, 2025, 2026)
Develop institute and center specific research data and source code management policies to ensure implementation of the Eurac Research Data and Source Code Management Policy	Explore overlaps between institutes' and centers' data and source code management needs and practices Training event for institutes and centers about institute-level data and source code policies Draft policy documents in coordination with institutes and centers that have similar data and source code needs Approve policy documents	Draft policy documents Finalized policy documents	RDM Working Group members representing Institutes and Centers Heads of Institutes & Centers	2024 2025
Ensure alignment between internal RDM policies and workflows and other Eurac Research internal policies and workflows that impact on research data and source code management	On-going coordination between RSO, Statistics Office, Legal Office, IT department and Ethics Review Board Develop a training for researchers about internal research workflows that includes, among other things, a module on research data and source code management	Scope of the training defined Training materials drafted Trainings delivered	RSO Statistics Office Legal Office IT Department Ethics Review Board	2024, 2025, 2026 2024 2025, 2026

1 Research data services consist of services that support researchers through the research (data) lifecycle, including research data strategy and policy that shape the context in which the research takes place and the training and awareness raising that occurs within that context.
2 https://www.eurac.edu/en/research-support/open-science/research-data-management

Maintain and strengthen the Eurac Research profile in national and international networks focusing on research data and software management	Engage with the developing Italian Data Stewards Community and ICDI [Italian Computing and Data Infrastructure] Engage with European and international community through specific projects (e.g. FAIR IMPACT, Skills4E-OSC) and the Research Data Alliance [RDA] Engage with disciplinary communities and standardization bodies (e.g. IEEE, OGC, ISO, etc.) Provide training on data management to disciplinary communities		Institutes and Centers RSO Researchers Data Champions Data Stewards	2024, 2025, 2026
Develop the Eurac Research RDM Roadmap, 2027-29	Monitor the progress of the RDM Roadmap 2024-26 Draft the RDM Roadmap 2027-29 Consult with institutes and centers Finalize the RDM Roadmap 2027-29	Annual progress review reports Draft RDM Roadmap 2027-29 ready for consultation Finalized Eurac Research RDM Roadmap 2027-29	RDM Working Group RSO	2024, 2025, 2026 2026

B. Training and Awareness-Raising

OBJECTIVES	ACTIONS	DELIVERABLES/ MILESTONES	RESPONSIBLE PERSON(S)	TARGET YEAR (2024, 2025, 2026)
Inform researchers about the latest developments in research data and software management	Share info via Workplace, Eurac Research website, MS Teams, email		RSO RDM Working Group Data Champions Institutes and Centers	2024, 2025, 2026
	Recognize the Open Science activities of Eurac Research collaborators with the Open Research Award	Open Research Award 2025	RSO	2025
Build a Data Champions and Software Champions Community in Eurac Research	Define the scope and the goals of the DC/SC Champions Community	Scope of the DC/ SC community defined	RSO Data Champions Data Stewards	2024
	Communicate about DC/SC to Eurac Research at large and institutes and center specifically			
	Recruit DC/SC	First DC/SC recruited		
	Co-create an Action Plan for the DC/ SC Community	Action Plan for the DC/SC Community		2025
Develop a varied annual training program that supports knowledge gain among researchers about RDM and source code management	Monitor training offerings	Annual Open Science Awareness-Raising and Training Calendar	RSO RDM Working Group	2024, 2025, 2026
	Suggest research data and source code management related trainings to the Training & Education Department			
	Include research data and source code management related trainings in the annual Open Science Awareness-Raising and Training Calendar			

C. Data Management Planning

OBJECTIVES	ACTIONS	DELIVERABLES/ MILESTONES	RESPONSIBLE PERSON(S)	TARGET YEAR (2024, 2025, 2026)
Increase the number of projects in Eurac Research that develop a Data (and Outputs) Management Plan	Monitor the development of Data (and Outputs) Management Plans in Eurac Research		RSO IT Department Data Champions Data Stewards	
	Deliver training about the value of Data (and Outputs) Management Plans and how to develop and implement them, including budgeting	Training offerings related to D(O) MPs part of the annual training program		2024, 2025, 2026
	Ensure Data (and Outputs) Management Plans can be recorded as outputs in our CRIS system (i.e. in Converis)	D(O)MPs included as a output category in Eurac Research CRIS (i.e. in Converis)		2026
Develop a practical workflow guidance for data access (i.e. re-use of existing data, both in-house and external data)	Review of existing templates for Data Access Agreements and Data Transfer Agreements	Data Access Agreement and Data Transfer Agreement template(s) are up to date and respond to the needs of Eurac Research data users	Legal Office Statistics Office RDM Working Group	2024
	Awareness raising about the need for data access agreements and clear regulation of data access conditions when re-using data			2024, 2025, 2026
Explore data access, data provision and data management memoranda between Eurac Research and local data stakeholders (e.g. the Province of Bozen/Bolzano, SABES)	Map Eurac Research data related actions with local data stakeholders	Report on Eurac Research place in local data landscape	RSO Legal Office Head Office	2024
	Explore the possibility of memoranda to establish framework relationships	Draft memoranda		2026

D. Active Data Management

OBJECTIVES	ACTIONS	DELIVERABLES/ MILESTONES	RESPONSIBLE PERSON(S)	TARGET YEAR (2024, 2025, 2026)
Develop an Action Plan for data stewardship/data management service provision in Eurac Research	Map current situation in Eurac Research (service offering, service organization, service costing)	Report on the current situation in Eurac Research	RSO RDM Working Group Heads of Institutes and Centers	2024
	Evaluate available models for data stewardship/data management services and select the model(s) most suitable for Eurac Research	Suitable data stewardship/data management services model(s) selected		
	Develop an Action Plan for data stewardship/data management services, including a resourcing plan	Action Plan for Data Stewardship/Data Management Services in Eurac Research		2025
	Raise awareness to ensure that data stewardship services are included in annual planning (tasks, time, budget)			2024, 2025, 2026
Make available to researchers practical guidance on data storage, data security and sharing, and data retention	Consider existing guidance developed by Environmental Data Platform and Institute for Eart Observation (including guidance on storage, processing costs, etc.)	Documentation published in OHB	IT Department Legal Office Data stewards RDM Working Group	2024, 2025
	Consider examples of risk-based assessment for data classification			
	Develop documentation accessible to researchers			

E. Data Preservation and Discovery

OBJECTIVES	ACTIONS	DELIVERABLES/ MILESTONES	RESPONSIBLE PERSON(S)	TARGET YEAR (2024, 2025, 2026)
Develop an Eurac Research metadata catalogue	Identify a shared standard for project-level metadata (also in collaboration with existing internal metadata sharing projects)	Metadata standard agreed upon	RDM Working Group IT Department Institutes & Centers	2024
	Instruct researchers on developing project-level metadata and storing project-level metadata	Documentation and training for researchers		2025, 2026
	Develop/identify the Eurac Research metadata platform, considering also ongoing internal projects and the possibility to record data as outputs in Eurac Research CRIS	Metadata platform requirements analysis Technical solution for the metadata platform		2026
	Explore solutions for harvesting metadata from server and OneDrive as well as existing repositories/metadata catalogues	Technical solution for harvesting metadata		2026
Ensure that all Eurac Research institutes and centers have access to a repository for long-term preservation of research data	Map the repositories currently used by Eurac Research collaborators for the long-term preservation of research data and source code		RSO RDM Working Group Institutes & Centers Legal Office IT Department	
	Analyze the used repositories, their quality and fit-for-purpose to ensure FAIRness of Eurac Research data and source code as well as compliance with relevant legal and privacy requirements	Report on current repository use landscape in Eurac Research		2024
	(if need be) Identify additional repositories to ensure that all Eurac Research institutes and centers have access to a repository for long-term preservation			
	Develop recommendations around repositories for long-term preservation	Recommendations for repositories for the long-term preservation of research data and source code		2025

Ensure that Eurac Research in-house repositories meet the requirements of trusted repositories	Continuous repository self-assessment, including inviting internal peer-review		Repository Managers	2024, 2025, 2026
Make available practical guidance on data availability statements	Write general guidelines of how to compose a data availability statement for a publication. Put together a collection of examples of well written data availability statements. Write a general definition of data availability statement for the glossary of open science terms in the Eurac Research website. Make decision about the mention of data availability statements in the Eurac Research Open Access policy.	Upload the guidelines and examples into the appropriate space(s) in the OHB. Upload definition of data availability statement to the glossary webpage. Eventual revision of Eurac Research OA policy to include recommendation on data availability statements.	RSO	2024