

RIS SYNERGY

Standards

RIS Synergy establishes data exchange between IT systems of funding organisations and research institutions by developing decentralised data interfaces that build on international standards. This approach guarantees long-term system interoperability between various systems both domestically and on an international level. Hereafter, we illustrate the process of standardisation that is applied to the project RIS SYNERGY and introduce two standards that are being implemented.

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Why Do We Need Standards?

Common Language



Sustainable Products

Documentation

Common Guidelines

Improved Processes

Interoperability

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IMPLEMENTING STANDARDISED INTERFACES

15 project partners with a heterogeneous landscape of research information systems

RIS Synergy working group "Standards": analysis, documentation, conceptualisation

International standards for data model and data exchange format: CERIF and OpenAIRE Guidelines

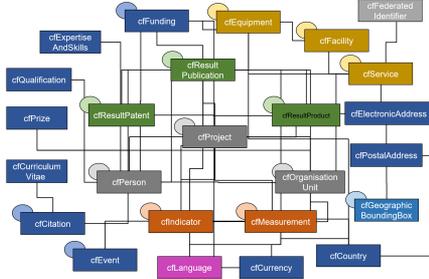
Common understanding of research information: Metadata sets for calls, projects, publications, financial reports and organisations

Further development and adaption of the standards in collaboration with euroCRIS

Publication of the documentation of the interfaces (open source), data model, exchange format and vocabulary in a common repository

CERIF Standard

- **Common European Research Information Format**
- International standard for the collection, storage and exchange of research information in the European research landscape
- Official recommendation for EU member states
- Developed and maintained by **euroCRIS**



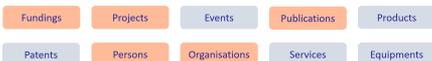
From the CERIF Tutorial (<http://hdl.handle.net/11366/2020>) by Jan Dvořák and Brigitte Jöng, used with permission.

OpenAIRE Guidelines

OpenAIRE Guidelines



OpenAIRE Guidelines for CRIS Managers



OpenAIRE:

- Collects data from European CRIS, literature repositories and data repositories which are OpenAIRE-compliant
- Main goal: To ensure a permanent open scholarly communication infrastructure to support European research