[EU09] Methodology and tools for Structural Metadata Management and Governance for EU Institutions and Member States

Methodology and tools for Structural Metadata Management and Governance for EU Institutions and Member States		
Summary		
ID	EU09	
Initiative	ISA	
Short	This solution offers standards for structural metadata	
description	Management that include metadata governance and metadata	
	management. Here, metadata includes both coordination with	
	both data models and reference data. It contains the	
	requirements and specifications for the governance and	
	management of structural metadata as well as for metadata	
	tools that may be used by EU institutions and Member States.	
Owner	ISA Action 1.1	
Contact	ISA Unit	
Туре	Framework	
Sub-Type	Methodology	
Context	Cross-border, Cross-sector	
Base Registry	All	
Charating model	The collection mathematical and produced different acts of	
Operating model	The solution gathers and analyses different sets of	
	specifications and standards both for metadata governance and	
IPR	metadata management.	
	Not Available/Not Found	
Status	Operational More details	
Aggregated	ABN – 1 Need for common understanding of data entities	
business need	7.27. Triosa for common analysis acta change	
Functionalities	The solutions offers details about the following matters:	
	Specifications for metadata governance	
	Standards:	
	ISO11179-6 Metadata Registration. Peta Managament Badh, of Knaydaday (BMBOK)	
	Data Management Body of Knowledge (DMBOK)	
	Specifications:	

- Scope: by domain or sector, can be related to different governance levels.
- Governance structure: steering committee, governance committee, operational team.
- Decision mechanisms (what decisions to be taken) and decision modalities (how decision are made).
- Procedures to handle requests.
- Ensure that modifications are communicated promptly to relevant stakeholders
- Set up registry as authoritative source
- Establish enforcement approach
- Establish a Licensing framework
- Set up quality controls

Specifications for metadata governance management

Standards:

- ISO/IEC 11179
- Data Management Body of Knowledge (DMBOK)
- ITIL

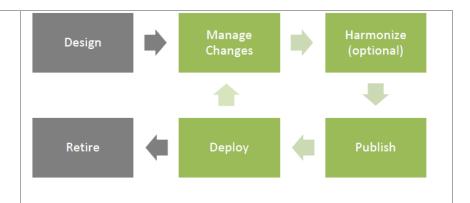
Required expertise:

- Domain expertise
- Information management expertise
- Technical expertise
- Documentation and publication expertise
- Standardisation expertise

Metadata management design principles:

- Documentation of management processes
- Tailoring of management processes
- Managing access to the structural metadata
- Update cycles
- Versioning
- Development environments

Metadata management Lifecycle:



Specifications for metadata tools

Standards for metadata representation:

- Unified Modelling Language
- XML Metadata Interchange
- XML Schema languages
- RDF Schema
- Simple Knowledge Organisation System (SKOS)
- GeneriCode
- HTTP URIs
- Asset Description Metadata Schema (ADMS)

Metadata Services and Tools:

- Data model editors
- Reference data editors
- Publication tools
- Deployment tools
- Change management

Design/Architect	Not Available/Not Found
Technologies	Not Available/Not Found
Specifications	Not Available/Not Found
Management	Not Available/Not Found
Governance	Not Available/Not Found
Sustainability	Not Available/Not Found
Documentation	https://joinup.ec.europa.eu/site/core_vocabularies/governance_and_management_of_structural_metadata/Methodology-and-tools-for-Structural-Metadata-Management-and-Governance-for-EU-Institutions-and-Member-States_v1.00.pdf
ADMS	Not Available/Not Found

