

Biilage: Metadatamodel for research data Version V1.5

Term	DataCite	Mandatory (M),	KPI implications	Value	Definition	Extra info
Dataset	Dataset				Data and objects generated or collected by researchers affiliated by a Flemish research institution in the course of their investigations, regardless of their form or method, that form the object on which researchers test a hypothesis. This includes the full range of data: raw, unprocessed datasets, proprietary generated and processed data and secondary data obtained from third parties.	Examples of research data include, but are not limited to, notes, surveys, images, objects, audiovisual files, spreadsheets, databases, statistical data, geographical data, simulations, software developed for research purposes, samples of any kind including of biological material, personal data, patient data
Identifier	Identifier	M	Mandatory for KPI	value: DOI or handle	The Identifier is a unique string that identifies the landing page of a resource, i.e. a concept DOI or a handle. Each metadata record has a minimum of 1 identifier. A concept DOI is preferred over a version DOI.	
Alternative identifier		O		value: DOI or handle or url	The alternative identifier is a unique string that identifies a resources, i.e. a DOI, handle or URL (ex. Link to data repository like Zenodo or institutional repository). Multiple identifiers can be supplied, an identifier type has to be provided.	
Identifier type	Identifier Type	M		Controlled list: Identifier: DOI, handle; Alternative identifier: DOI, Handle, URL	The type of the Identifier.	Controlled list: Identifier: DOI, handle; Alternative identifier: DOI, Handle, URL
Abstract	Abstract A brief description of the resource and the context in which the resource was created. Recommended for discoverv.	MA	Mandatory for KPI	Free text field	Description of the dataset. Mandatory if no link to a project or publication is provided.	
Creator Name	Creator Name	M		Free text field	Name of the main researchers involved in producing the dataset.	
Creator Identifier	namelidentifier	MA	KPI implications: Mandatory 95% starting 2021	ORCID	Persistent identifier(s): an ORCID for the main researchers involved in producing the dataset.	
Creator Affiliation	affiliation	M		GRID	Affiliation to a Flemish Research Producing Organisation of the main (Flemish) researchers involved in producing the dataset, i.e. using the GRID.	
Title	Title	M		Free text field	The name by which the research dataset is known, has to be provided in the original language in which the metadata record was published together with the language field. English is preferred. The translation is optional.	
Language	Language: The primary language of the resource.	O		controlled values list tbd	The primary language of the resource (=dataset).	
Publisher		MA		Free text field	The name of the entity that holds, archives, publishes, prints, distributes, releases, issues, or produces the resource. Examples include (de)central institutional or generic data repositories, publisher like Elsevier.	

Publication year	Publication Year: The year when the data was or will be made publicly available.	M	value	The year when the dataset was or will be available to a community of researchers.	If an embargo period has been in effect, use the date when the embargo period ends. If there is no standard publication year value, use the date that would be preferred from a citation perspective. Mandatory if embargo date is applicable.
Embargo date	Date: datatype: The type of date: created, submitted, accepted, available	M	format tbd	Different embargo dates relevant to the availability of the dataset. Yes/No value	
Date type		MA	Data type values: - issued - accepted - available	Data type values: - issued: date used to indicate when the dataset is made available, published or uploaded to a formal database. - accepted: date used to indicate the start of an embargo period - available: date used to indicate the end of an embargo period, sometimes specific conditions are applying (GDPR, ...)	
Research discipline	RelatedIdentifier: relationType : IsDescribedBy	R	Controlled vocabulary: VODS Classification Free text field https://schema.datacite.org/meta/kernel-4.3/doc/DataCite-MetadataKernel_v4.3.pdf	Classification of the dataset on the basis of the disciplines of the Flemish Research Standard. (where the research dataset originated, subfield L3) - where possible researchers should be encouraged to add this Main keywords describing the dataset. (free text field)	
Keywords		M		The institution or person responsible for collecting, managing, distributing, or otherwise contributing to the development of the resource. To supply multiple contributors, repeat this property. The type of contributor of the resource.	
Contributor	Contributor: Contributortype	M (one contributor type)	Contact Person, Data Collector, Data Curator, Data Manager, Distributor, Editor, Producer, Project Leader, Project Manager, Project Member, Related Person, Researcher, Rightsholder, Sponsor, Supervisor, Work Package Leader		
Contributor given		M	Hosting Institution, Registration Agency, Registration Authority, Research Group	The personal or first name of the contributor.	
Contributor family name			Free text field	The surname or last name of the contributor	free text: such as 5 Mb. XML, JSON, CSV, txt, RDF, PDF, MPG (add the controlled vocabulary list)
NameIdentifier		R	Free text field	Uniquely identifies an individual or legal entity, according to various schemes.	Can be used, e.g. when specific formats are used that are not common.

NameIdentifierScheme		Mandatory if nameidentifier is provided		ORCID GRID	The name of the name identifier	
Size	Size (e.g. bytes, pages, inches, etc.) or duration (extent), e.g. hours, minutes, days, etc., of a	O		Free text field	Unstructured size information about the dataset.	free text or link to license (eg. Http://creativecommons.org/licenses/by/3.0/deed.en)
Format	Format : Technical format of the resource.		obliged for BOF (universities) from projects starting 01/01/2019, latest by end 2021.	Free text field	Technical format of the dataset.	
Open Format		M (universities) / O	toggle check from 2023	Toggle check	Volledig open, voor alle onderdelen van de data en het moet aangekruist kunnen worden als er naast een non-propriety formaat ook een open formaat	Open data status will be mandatory. Under development. YES/NO
Technical information	Description: All additional information that does not fit in any of the other categories. May be used for technical information. Version: The version number of the resource. Rights: Any rights information for this resource. The property may be repeated to record complex rights characteristics.	O			Technical description of the dataset.	
Version		O			The version number of the dataset.	
IP rights		R	Mandatory for KPI from 2023	values : Creative Commons CCZero (CC0) Open Data Commons Public Domain Dedication and Licence (PDDL) Creative Commons Attribution 4.0 (CC-BY-4.0)	Intellectual property rights for the dataset	Mandatory for BOF, IOF, FWO and public funding as specified in covenants. Either provide link publication - dataset(s) or indicate that no datasets are available for publication
Access Rights	(OpenAire Data model)	M	Mandatory for KPI; datasets underpinning peer-reviewed publications from 2022	values: 'open', 'embargoed' (with indication of expiry date) and 'restricted/restricted for legitimate reasons' or 'closed for legitimate reasons'	Status on the access possibilities of the dataset. Access rights are specified using the OpenAire 16. Rights (MA) Within this property you have rightsURI (MA): Use terms from the info:eu-repo-Access-Terms vocabulary. The values are: info:eu-repo/semantics/closedAccess info:eu-repo/semantics/embargoedAccess info:eu-repo/semantics/restrictedAccess info:eu-repo/semantics/openAccess	link
Legitimate opt-out		MA		values: privacy intellectual property rights ethical aspects aspects of dual use other legal or contractual provisions	Specification on the legitime opt-out indicated in the field access rights	

