KWF

Empowering Cancer Research: The Road to Implementation of FAIR Principles in Funding Strategy

Dutch Cancer Society/KWF

Kim Elsink

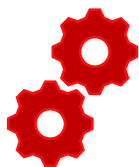**May 13th 2024**

FAIR principles

Findable
Easy to find for humans and computers because of globall̶y̶ ...nd/or persistent identifier e.g. https://ror.or...
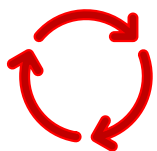
Accessible
Clear description on how ...
authorization or authenti...

Interoperable
Possibility to i...
and processing...

Reusable
Clear description of data ...
adapted to domain-releva...

ROR search home page

https://ror.org/0488wxv90

Canadian Partnership Against Cancer

ORGANIZATION TYPES
Funder, Nonprofit

LOCATIONS
Toronto (GeoNames ID 6167865), Canada

WEBSITE
http://www.partnershipagainstcancer.ca/

OTHER IDENTIFIERS
GRID grid.484022.8
ISNI 0000 0001 1457 1558
Crossref Funder ID 501100021219
Wikidata Q5030454

Some record data is not displayed in this view. **See JSON view for full record data**

Record last modified 2024-04-29. Is there an issue with the data on this record? **Suggest a change**

Why go FAIR?

- **Innovation** and **adoption** of FAIR principles by research institutes
- **Information exchange** among research funding agencies (ICRP database)
- Prevention of **duplications** in project funding
- **Collaboration** between and **sustainability** of existing research projects

FAIR datamanagement – process in a nutshell

- Datamanagement plan (DMP) at proposal stage (https://dmponline.dcc.ac.uk/)

- Requirement of publishing in open source journals

- Stimulate to work according to FAIR principles and Open Science

- ***But:*** no active monitoring, official assessment or specific guidelines

- Ambition: active steering and facilitation towards FAIR datamanagement

Towards FAIR datamanagement

- Guidelines

- Stricter requirements and policy

- Community building
  - Connecting Netherlands Organisation for Health Research and Development to ICRP

- Collaboration between funding agencies on national level ("FAIR Funders group")

- FAIR Implementation profile (oncology specific)

FAIR Implementation Profile[1]

- Methodology to establish practices and choices to implement FAIR principles

- Research community

- Set of categories with questions based on technologies, use of controlled vocabularies etc

- Will be integrated in the datamanagement plan (DMP)

C38

This is a template. Please copy the file before filling it out.

Community description		
Name of Community	*e.g. ENVRI*	
Description of Community		
Supporting Links		
Research Domain	*e.g. Environmental Sciences*	
Data Steward	*e.g. ORCID #*	
Date of FIP creation		

FAIR principle	Question	FAIR enabling resource types	Your answers
F1	What globally unique, persistent, resolvable identifiers do you use for metadata records?	Identifier type	*e.g. PURL, DOI*
F1	What globally unique, persistent, resolvable identifiers do you use for datasets?	Identifier type	
F2	Which metadata schemas do you use for findability?	Metadata schema	
F3	What is the technology that links the persistent identifiers of your data to the metadata description?	Metadata-Data linking mechanism	
F4	In which search engines are your metadata records indexed?	Search engines	
F4	In which search engines are your datasets indexed?	Search engines	
A1.1	Which standardized communication protocol do you use for metadata records?	Communication protocol	
A1.1	Which standardized communication protocol do you use for datasets?	Communication protocol	
A1.2	Which authentication & authorisation technique do you use for metadata records?	Authentication & authorisation technique	
A1.2	Which authentication & authorisation technique do you use for datasets?	Authentication & authorisation technique	
A2	Which metadata longevity plan do you use?	Metadata longevity	
I1	Which knowledge representation languages (allowing machine interoperation) do you use for metadata records?	Knowledge representation language	
I1	Which knowledge representation languages (allowing machine interoperation) do you use for datasets?	Knowledge representation language	
I2	Which structured vocabularies do you use to annotate your metadata records?	Structured vocabularies	
I2	Which structured vocabularies do you use to encode your datasets?	Structured vocabularies	
I3	Which models, schema(s) do you use for your metadata records?	Metadata schema	
I3	Which models, schema(s) do you use for your datasets?	Data schema	
R1.1	Which usage license do you use for your metadata records?	Data usage license	
R1.1	Which usage license do you use for your datasets?	Data usage license	
R1.2	Which metadata schemas do you use for describing the provenance of your metadata records?	Provenance model	
R1.2	Which metadata schemas do you use for describing the provenance of your datasets?	Provenance model	

Link to this document: https://bit.ly/yourFIP

1 https://www.go-fair.org/how-to-go-fair/fair-implementation-profile/

Small steps towards FAIR...

Element	Value	Unit
Project title	Title (in English)	Free text
Project website	Website	Free text
Funder	Funder ROR reference	ROR Reference code
Start date		MM/dd/yyyy
End date		MM/dd/yyyy
Duration		Months
Lead institute	Institute ROR reference (https://ror.org/)	ROR Reference code
Country	Country of lead institute	ISO 3166-1 code
Principal investigator	Principal investigator ORCID (https://orcid.org/)	ORCID ID
Data steward	Data steward ORCID (https://orcid.org/)	ORCID ID
Research classification (domain-specific)	Scientific area of research (https://www.icrpartnership.org/cso)	ICRP CSO coding system

- **Creation and harmonization of (machine-actionable) metadata scheme**

- **Goal:** *oncology portal for all oncology related (research) projects*

Thank you!
Want to discuss further?
Please contact us!

Contact: kelsink@kwf.nl

Acknowledgements

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Tegen kanker. **Voor het leven.**