

GO FAIR Foundation

Role, Team & Key Assets



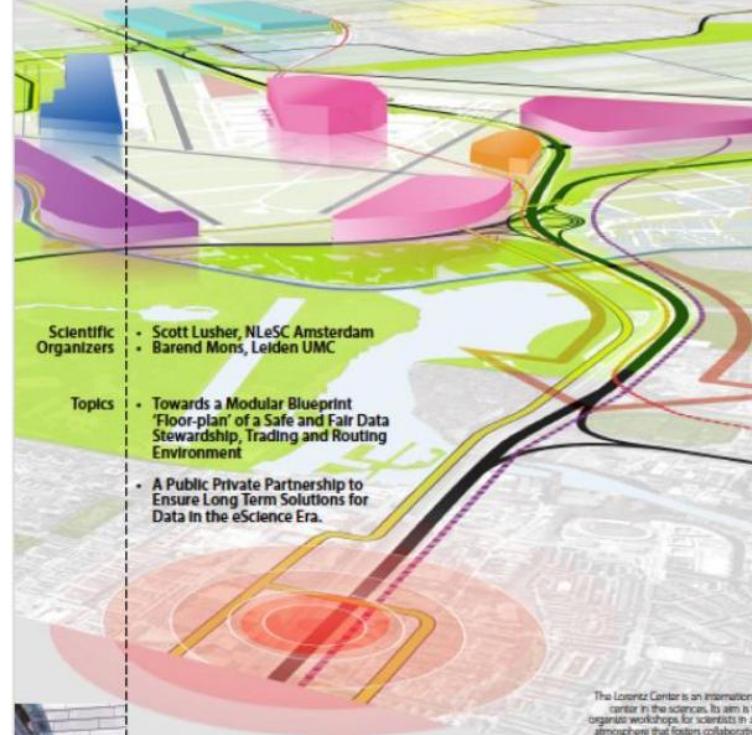
When it all started ...

2014

Lorentz center

Jointly Designing a Data FAIRPORT

Workshop: 13 – 16 January 2014, Leiden, the Netherlands



Scientific Organizers

- Scott Lusher, NLeSC Amsterdam
- Barend Mons, Leiden UMC

Topics

- Towards a Modular Blueprint 'Floor-plan' of a Safe and Fair Data Stewardship, Trading and Routing Environment
- A Public Private Partnership to Ensure Long Term Solutions for Data in the eScience Era.

The Lorentz Center is an international center in the sciences. Its aim is to organize workshops in sciences in an environment that fosters collaborative work, discussions and interactions. For registration see: www.lorentzcenter.nl

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www.lorentzcenter.nl

Universiteit Leiden

ROM

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iScience

NINVO

NWPO

Lorentz center

2016

scientific data

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[nature](#) > [scientific data](#) > [comment](#) > [article](#)

Open Access | Published: 15 March 2016

The FAIR Guiding Principles for scientific data management and stewardship

[Mark D. Wilkinson](#), [Michel Dumontier](#), [IJsbr](#)

[Arie Baak](#), [Niklas Blomberg](#), [Jan-Willem Bo](#)

[Bouwman](#), [Anthony J. Brookes](#), [Tim Clark](#), [I](#)

[Edmunds](#), [Chris T. Evelo](#), [Richard Finkers](#), [A](#)

[Groth](#), [Carole Goble](#), [Jeffrey S. Grethe](#), [Ja](#)

[Ruben Kok](#), [Joost Kok](#), [Scott J. Lusher](#), [Ma](#)

[Persson](#), [Philippe Rocca-Serra](#), [Marco Ro](#)

[Schultes](#), [Thierry Sengstag](#), [Ted Slater](#), [Ge](#)

[van der Lei](#), [Erik van Mulligen](#), [Jan Velterop](#)

[Wolstencroft](#), [Jun Zhao](#) & [Barend Mons](#)✉

Box 2 | The FAIR Guiding Principles

To be Findable:

- F1. (meta)data are assigned a globally unique and persistent identifier
- F2. data are described with rich metadata (defined by R1 below)
- F3. metadata clearly and explicitly include the identifier of the data it describes
- F4. (meta)data are registered or indexed in a searchable resource

To be Accessible:

- A1. (meta)data are retrievable by their identifier using a standardized communications protocol
- A1.1 the protocol is open, free, and universally implementable
- A1.2 the protocol allows for an authentication and authorization procedure, where necessary
- A2. metadata are accessible, even when the data are no longer available

To be Interoperable:

- I1. (meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
- I2. (meta)data use vocabularies that follow FAIR principles
- I3. (meta)data include qualified references to other (meta)data

To be Reusable:

- R1. (meta)data are richly described with a plurality of accurate and relevant attributes
- R1.1. (meta)data are released with a clear and accessible data usage license
- R1.2. (meta)data are associated with detailed provenance
- R1.3. (meta)data meet domain-relevant community standards

[Scientific Data](#) 3, Article number: 160018 (2016) | [Cite this article](#)

488k Accesses | 4555 Citations | 2031 Altmetric | [Metrics](#)



2018

*FAIR
Principles*



*FAIR
Implementation*

<https://www.gofair.foundation/>

GO FAIR Criteria

<https://www.gofair.foundation/criteria>

Interpreting FAIR

The interpretation of the FAIR Guiding Principles by the GO FAIR community, and adopted by the GO FAIR Foundation as a reference for guiding FAIR implementation.

Hourglass



A criterium for GO FAIR Foundation qualification

The center of the hourglass is based on minimal criteria for machine actionability. In the rest of the hourglass there is the freedom to operate.

Openness

A criterium for GO FAIR Foundation qualification

As open as possible, as restricted as necessary



No Lock-in



A criterium for GO FAIR Foundation qualification

No single points of failure, no provider lock-in

Distribution

A criterium for GO FAIR Foundation qualification



As distributed as possible, as centralized as necessary

Role of GO FAIR Foundation (GFF)

Guidance and Advice on the correct implementation of the FAIR Principles by:

- ❖ FAIR Innovation
- ❖ International Connections
- ❖ Training & Knowledge Exchange

Who we are



Barend Mons
Scientific Director



Barbara Magagna
FAIR Development &
Capacity Building Coordinator



Bert Meerman
Director



Dario Bijker
FAIR Knowledge
Development & Technical
Assistant



Judith Schneider
FAIR Capacity Building &
Communication Assistant



Gerhard Burger
FAIR Developer &
Trainer



Norbert van Dijk
FAIR Consultant



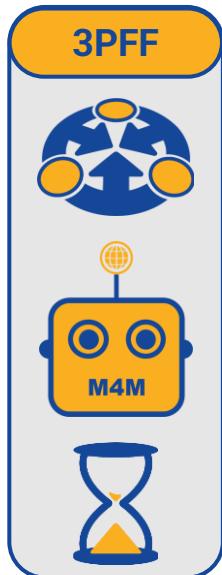
Erik Schultes
FAIR Consultant

The Three-point FAIRification Framework (3PFF)



FAIR Awareness (FA)

Theory and history of FAIR, and current trends in FAIR and FAIR technology.



FAIR Implementation Profile (FIP)

Develop and maintain a FIP to document community choices of FAIR Enabling Resources (FERs) to implement FAIR.

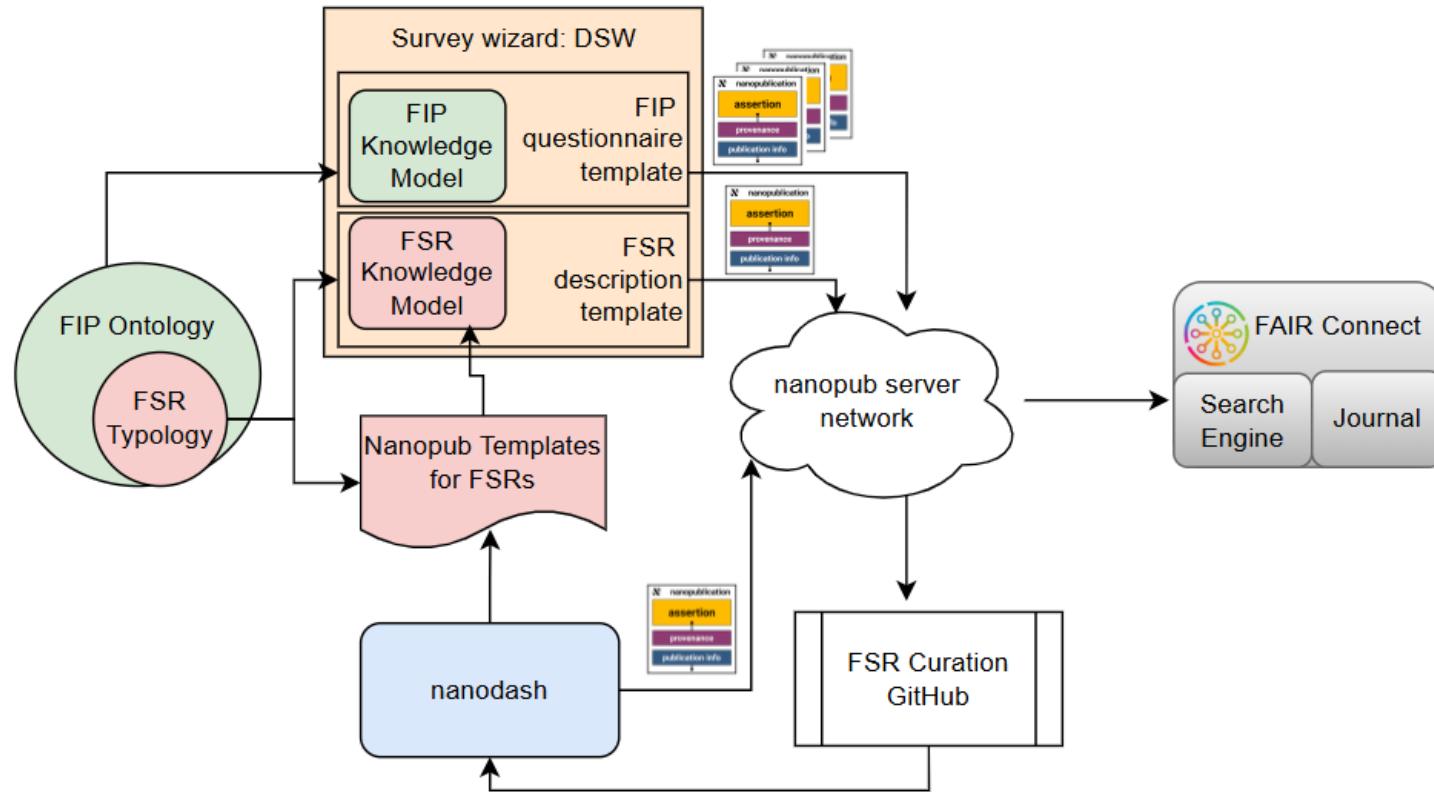
Metadata 4 Machines (M4M)

Develop domain-relevant, machine-actionable metadata schemas and vocabularies.

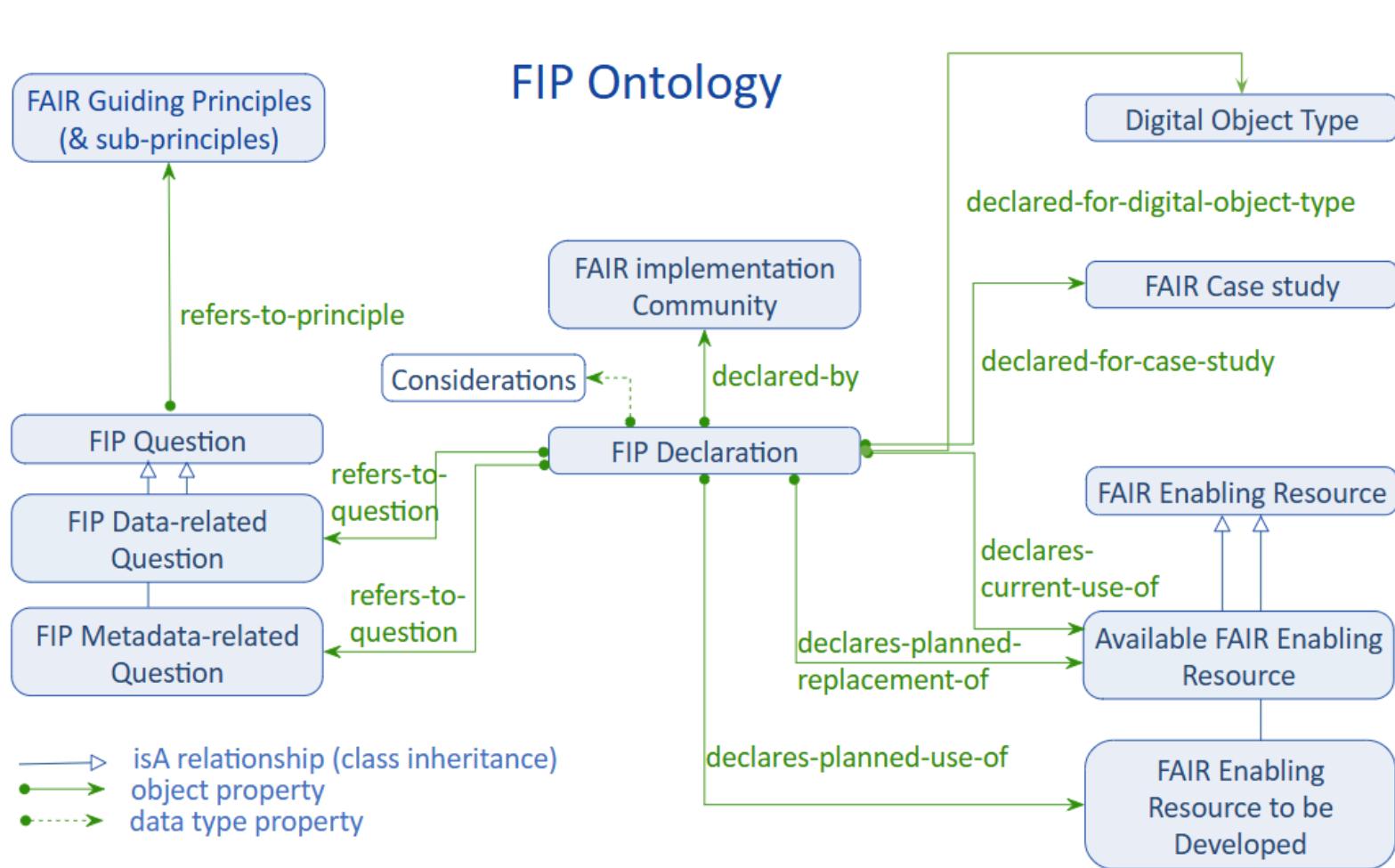
FAIR Orchestration (FO)

Make informed FAIR infrastructure choices.

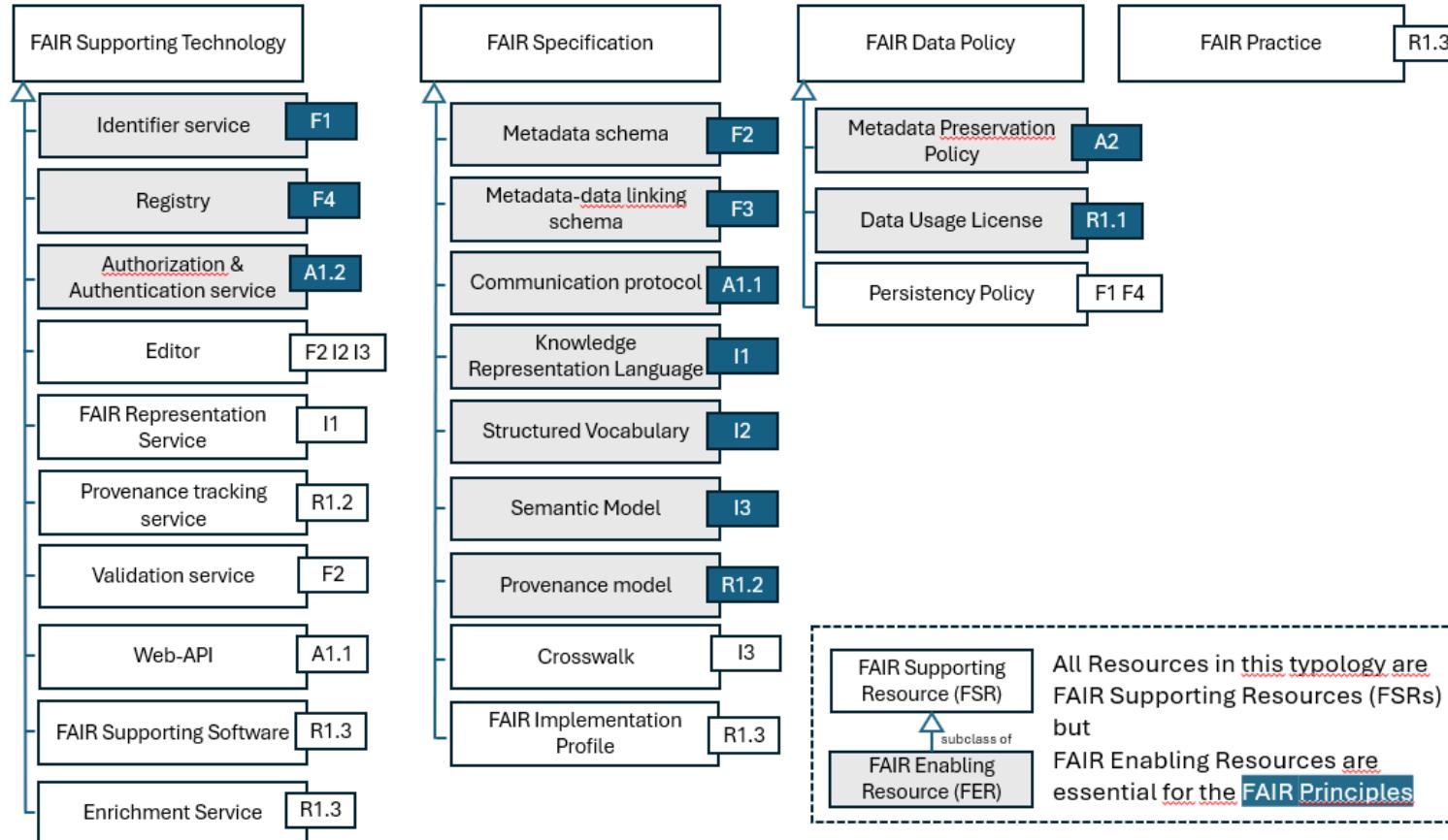
FIP Ecosystem



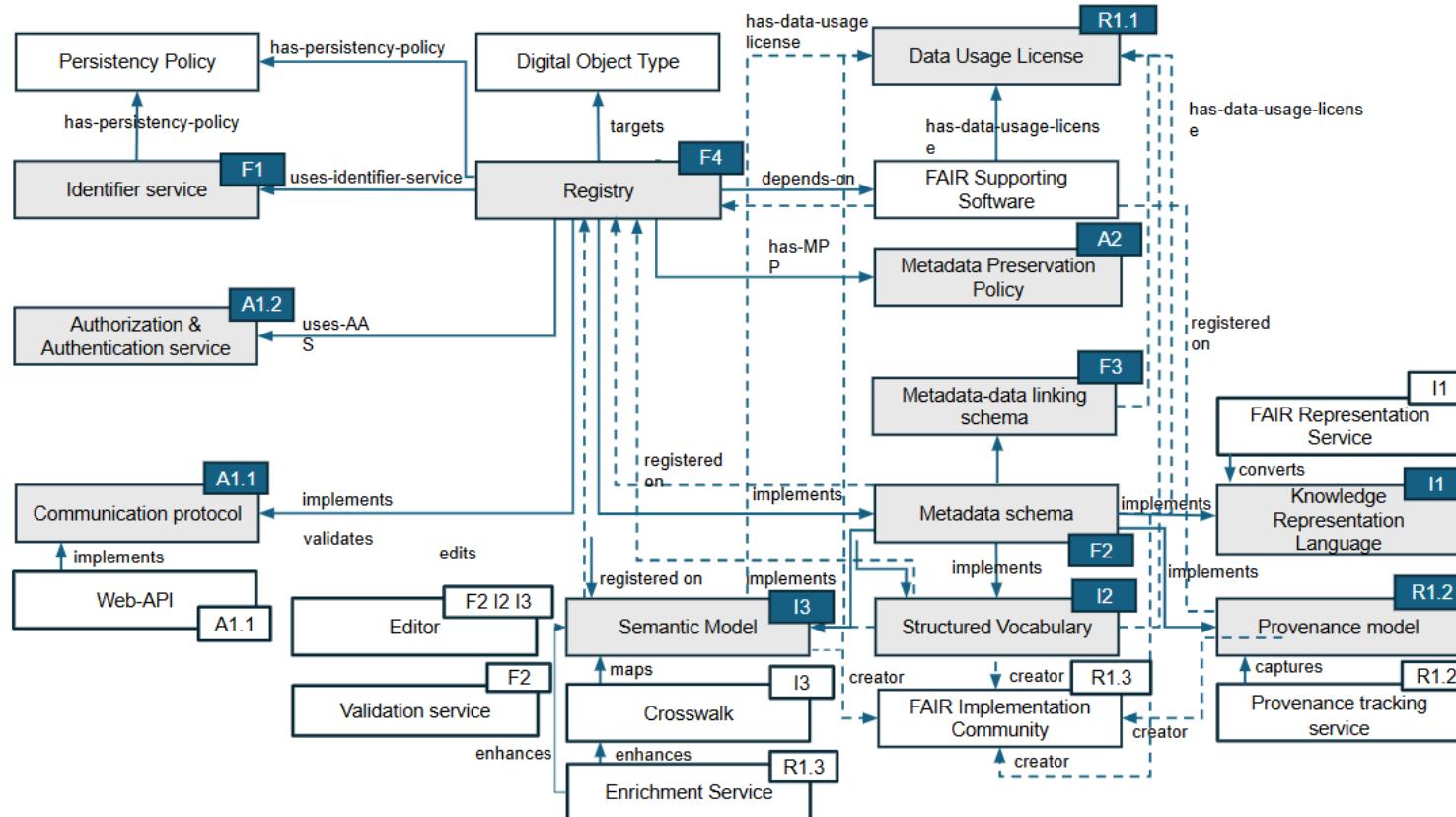
FIP Ontology



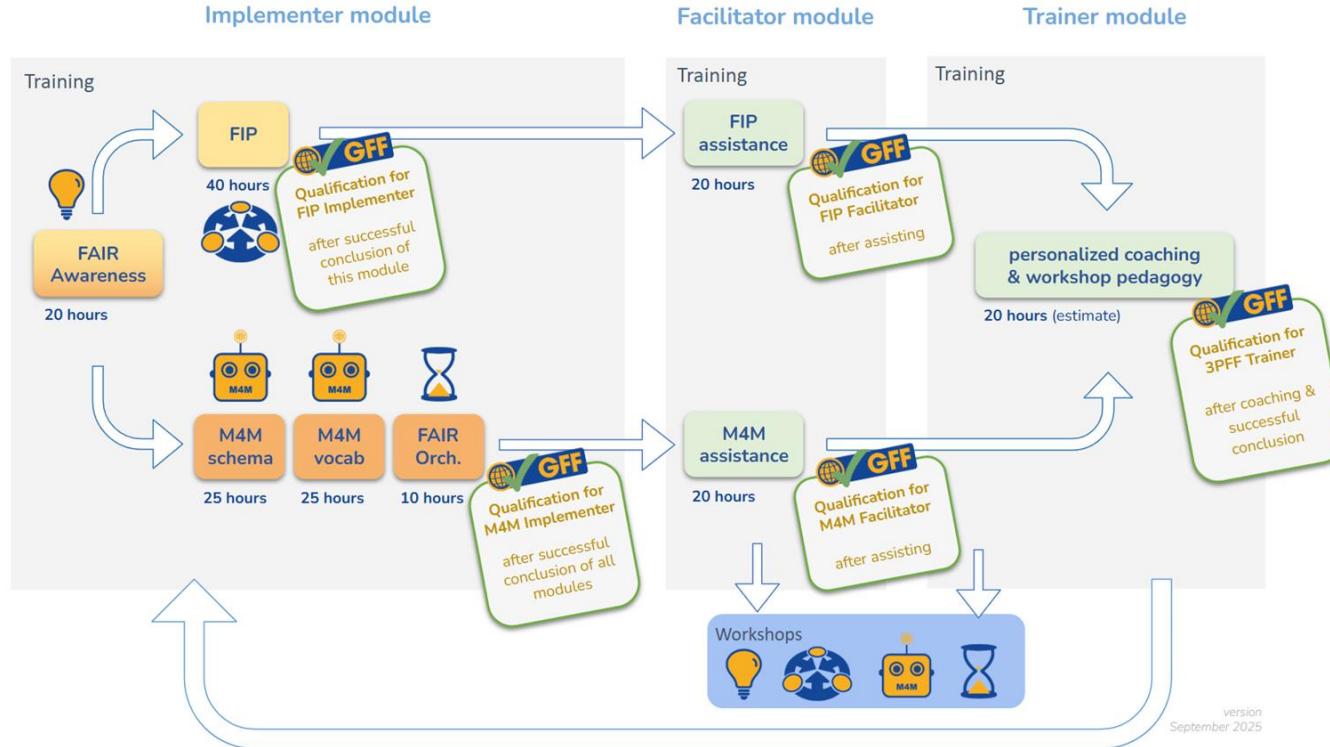
FAIR Supporting Resource Typology



Dependencies between FAIR Supporting Resources

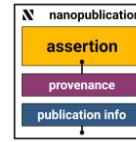


The FAIR Capacity Building Programme (CBP)



Full details at <https://doi.org/10.5281/zenodo.17083958>

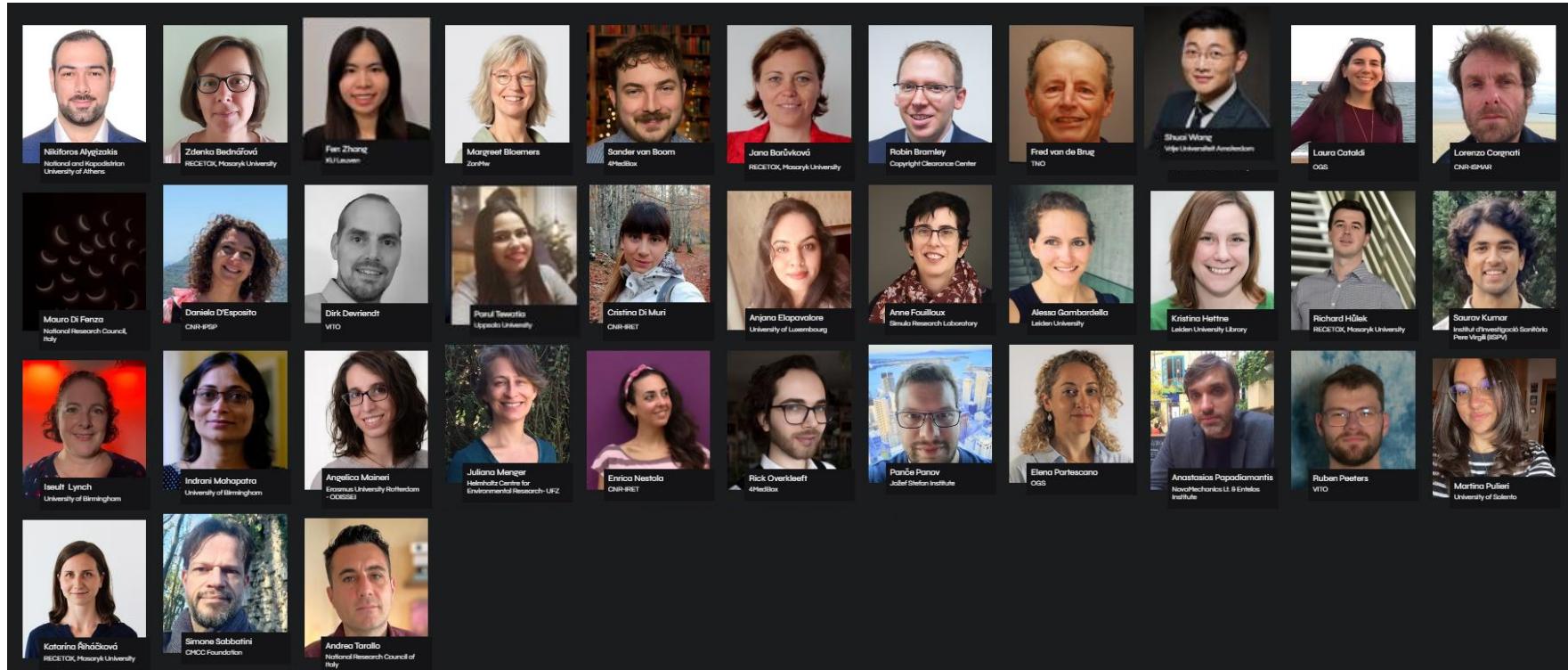
GFF 3PFF Qualification



https://w3id.org/np/RARnX0EDZbpTvjSem7xkx5KeTyvK_hAGNILETChNCFuYA

GFF qualified 3PFF Facilitators

<https://www.gofair.foundation/qualification>



GFF Fellowship

<https://www.gofair.foundation/fellow>

Meet the GFF Fellows


Guido Lohr
Edi Van Winkle

Guido is the first member of the GO FAIR Foundation Fellows programme. His areas of interest include improving the use of FAIR principles in the implementation of the FAIR principles on biodiversity monitoring data and methods.


Athina Evangelista
Göteborgs universitet

Athina is a research engineer working on biodiversity distribution models. Her interest is in improving the implementation of the FAIR principles on biodiversity monitoring data and methods.


CCC
Copyright Clearance Center

CCC is a former manager of the Research Data Center (RDC) of CCC. He has held roles in metadata research, standardizing requirements, technical services and publishing as well as leading bibliographic data management. CCC is currently a member of the RDC Collaboration on Open Science (RCOS) of the Nordic e-Infrastructure Collaboration (NeIC).


Robin Broersma
Copyright Clearance Center

Robin is a senior manager of the Research Data Center (RDC) of CCC. He has held roles in metadata research, standardizing requirements, technical services and publishing as well as leading bibliographic data management. CCC is currently a member of the RDC Collaboration on Open Science (RCOS) of the Nordic e-Infrastructure Collaboration (NeIC).


Anna Pfeiffelius
Simula Research Laboratory

Anna is an Open Science and FAIR Software and Data Advocate at a working on Simula Research Laboratory. She is a member of the RDC Collaboration on Open Science (RCOS) of the Nordic e-Infrastructure Collaboration (NeIC).


Paula Tewari
Uppsala University

Paula is a data scientist and is working towards helping researchers, scientists and especially infrastructure to make their data FAIR. Her interest lies in metadatam curation.


Rick Overbeek
A4Media

Rick has a background in bioinformatics on sequencing and rare diseases. He has gathered extensive experience in web-based data management and FAIR principles. He is currently co-coordinating efforts to facilitate ownership of data and being able to provide services on them.


Barbara van Boom
A4Media

Barbara has a background in bioinformatics. He worked for several years in bioinformatics for translational regeneration research. She is currently working on FAIR principles in the field of medical genetics.


Monique Buijse
ZonMw

Monique implements FAIR data practices at ZonMw, the Dutch public health research fund. Funders can drive implementation of FAIR principles in their projects. She is currently involved in the FAIR principles in the field of medical genetics.


Barbara
A4Media

Barbara has a background in bioinformatics. She is currently working on FAIR principles in the field of medical genetics.


Louis Ter Meer
Delft University of Technology

Louis is a researcher and programme director in information management. His research interests are in the use of FAIR principles to user and what change can bring them. Working on the patterns of FAIR will expand our challenge to convert.


Delphine Dudoit
Ecole Polytechnique

Delphine is a recent Social Sciences graduate from Institut d'Etudes Politiques de Paris (Sciences Po). Her interest is in studying the impact of FAIR principles on the funding and use of research which includes her focus on research.


Martin Balmer
University of Basel

Martin is a postdoctoral researcher in the field of epigenetics. He is currently working on epigenetic data management in collaboration with other researchers in the field.


Alissa Cammaroto
Leiden University

Alissa is a Doctoral student on the Faculty of Science at Leiden University. Her research focuses on the use of FAIR principles and education, science, research on FAIR best practices, and education. FAIR assessment and education is the primary focus of her PhD in Analytical Chemistry.


Kristina Hattmeier
Leiden University

Kristina is a Doctoral student on the Faculty of Science at Leiden University. Her research focuses on the use of FAIR principles and education, science, research on FAIR best practices, and education. FAIR assessment and education is the primary focus of her PhD in Analytical Chemistry.


Laura Balke
Bielefeld Institute of Information Science (BIS)

Laura Balke is a Research professor of Information Science at the University of Bielefeld. She is currently working on the implementation of FAIR principles in the field of medical genetics.


Marjoram Zane Judd
PARIS

Marjoram is an aqueous scientist specializing in human monitoring and management. She is currently working on implementing FAIR principles in the human monitoring and management field. She is currently leading the FAIR research focused on in-glycan bioinformatics.


Elham Memarzadeh
LACDR, Leiden University

Elham is a scientist in in-glycan metabolism, data integration and FAIR implementation. She is currently working on the implementation of FAIR principles in the field of glycobiology.


Miss van den Boomen
LACDR

Miss van den Boomen is working on FAIR principles in the field of glycobiology.


Lorenzo Cavigelli
Istituto di Ricovero e Cura su Tumori (IRCC)
Istituto Nazionale di Ricerca su Tumori (INRCC)

Lorenzo is a Researcher at the Istituto Nazionale di Ricerca su Tumori (INRCC) in Milan, Italy. He is currently working on FAIR principles in the field of glycobiology.


Mouna El Parisi
National Research Council of Egypt (CERN)
Institute of Chemical Research of Catalonia (ICREA)

Mouna is a Research Infrastructure Manager. Her interests are in the field of FAIR principles and data management. She is involved in data stewardship, datacentre hosting programmes. In her free time, she enjoys cooking, reading, traveling and exploring.


Barbara
Zürcher Hochschule für Angewandte Wissenschaften (ZHAW)

Barbara is a researcher. Barbara's research focus is on the development of FAIR principles in the field of medical genetics.


Ida
Hannover Medical Center (HHU)
Hannover

Ida is a postdoctoral researcher working on FAIR principles in the field of medical genetics. She is currently working on FAIR principles in the field of medical genetics.


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Up to 30 Fellows

1 year - 250 hours interaction

A family of FAIR experts working together on small projects on FAIR implementation

GO FAIR Foundation

 CC BY NC SA

Training Methods

- GO FAIR wiki for implementers, facilitators and trainers
- e-Learning Platform (videos, tests)
- In Person training events
- Online training events
- Hands-on using online services
- Hackathons
- Q&A sessions
- Via Fellowship

Training Media

- **Open Science Framework** projects (open-access):
A resource that links out to all other resources and includes presentations, recordings, links to minutes, links to the other platforms
- **Module specific Wikis** (one time fee) with GitHub account:
include step-by-step guidelines
- **GO FAIR Wiki** (open-access):
Stay tuned via published news
- **Mattermost** (open-access, by invitation):
enables interactions with other trainees
- **3PFF Concept Base**
Obsidian based overview of terms and resources
- **FAIR Learning Centre**
Self-learning environment organized in modules with training videos and quizzes

Open Science Framework (OSF)

OSFHOME ▾

FA.4.2 | MusiCC FAIR Awareness 2

Metadata Files Wiki Analytics Registrations Contributors Add-ons Settings

95.4MB Make Private Public P 0 ...

FA.4.2 | MusiCC FAIR Awareness 2

Contributors: Erik Anthony Schultes, Barbara Magagna, Arie Baak, Jacintha Schultes

Date created: 2024-11-10 02:10 PM | Last Updated: 2024-11-13 09:43 PM

Create DOI

Category: Project

Description:

The second FAIR Awareness workshop for members of the Mucosal Immunity in human Coronavirus Challenge (MusiCC) project. November 20, 2024.

License: CC-By Attribution 4.0 International

Wiki

Background (April 2024): Mucosal Immunity in human Coronavirus Challenge (MusiCC)
<https://www.imperial.ac.uk/news/252855/imperial-led-global-human-challenge-consortium-kick/>

Agenda & Common Notes: https://bit.ly/FA-4-2_MusiCC

Files

Click on a storage provider or drag and drop to upload

Name ▾ ▾ Modified ▾ ▾

- FA.4.2 | MusiCC FAIR Awareness 2
- OSF Storage (Germany - Frankfurt)
- FA.4.2 MusiCC.pdf 2024-11-13 09:43 PM

Citation

Components

Add components to organize your project.

Add Component Link Projects

Tags

Add a tag to enhance discoverability

Recent Activity

Training Wikis:

(e.g. <https://github.com/gofair-foundation/FA-training>)

The screenshot shows a GitHub Wiki page for the repository 'gofair-foundation / FA-training'. The page title is 'How to become a nanopublisher'. The page content discusses the requirement for an ORCID and provides instructions on how to set up nanopublications using Nanodash. It includes a screenshot of the Nanodash interface and a table of contents on the right. The page has 9 revisions and was last edited by 'mabablu' 1 hour ago.

How to become a nanopublisher

mabablu edited this page 1 hour ago · 9 revisions

In order to become a nanopublisher you need to have an [ORCID](#) that identifies you as a person. The ORCID is needed for capturing provenance information in the nanopublication.

[Nanodash](#) is a platform for generating nanopublications. Please log in with your ORCID account and grant access.

1. Click on your ORCID number
2. See your profile details where your signature key is set.
3. You can see that your local key has not yet been approved by the community of nanopublishers.
4. Check out the recommended actions:

Recommended Actions

It is recommended that you **execute this action**:

- Publish an introduction from scratch declaring your local key: [new introduction...](#)

Pages 5

Table of content

- [Overview training media](#)
- [How-to-become-a-nanopublisher](#)
- [GFF Capacity Building Programme](#)
- [References](#)
- [Using Github Wiki](#)

Clone this wiki locally

<https://github.com/gofair-foundation>

GO FAIR Foundation Wiki

<https://wiki.gofair.foundation/>

[Home](#) [FIP](#) [Guide](#) [News](#) [FAIR Connect](#) [Contributing](#) [About](#)



[Website](#) [Email](#) [Github](#) [LinkedIn](#)

Wiki

This GO FAIR [wiki](#) is an effort to bring together past, current and future individual documentation efforts into one comprehensive resource. This website is still [under construction](#). This wiki and all of its content are maintained by the [GO FAIR Foundation](#). The source files of this website can be found on [Github](#).

[Latest news](#) | [All news](#)

Oct 30, 2024

Norbert van
Dijk

LIFES Network Meeting

See event published here on [linkedin](#) for details.



Oct 14, 2024

Barbara
Magagna

The I-ADOPT Variable Modeling Challenge 2

I-ADOPT is a candidate for an OGC standard. There are concrete plans to develop a semi-automatic I-ADOPT annotation service. In preparation, we would like to test the...



Aug 9, 2024

Barbara
Magagna

GFF Capacity Building Programme Update

GO FAIR Foundation has updated its [GFF Capacity Building Programme](#).



Obsidian Concept Base

<https://www.gofair.foundation/3pff-concept-base>

FAIR Capacity Building Programme

FAIR Capacity Building Programme

The GFF has developed a FAIR Capacity Building Programme to provide extended, professional and [qualified training events](#) for data stewards who aspire to use [3PFF](#) methods in their daily work. The Programme distinguishes between [3PFF Implementers](#), [Facilitators](#), and [Trainers](#).

More information

Public

- [GFF Website](#)
- [Zenodo Publication](#)
- [OSF Publication](#)

Private

- [FAIR Awareness Wiki](#)

INTERACTIVE GRAPH

The graph illustrates the relationships between several entities:

- 3PFF Training Course
- 3PFF Trainer
- 3PFF Event
- FAIR Awareness MM Workshop
- FAIR Capacity Building Course
- FAIR Capacity Building Programme
- GF
- FIP Training FAIR Capacitation
- 3PFF Workshop
- 3PFF Facilitator
- 3PFF Implementer
- MMM Implementer
- MMM Facilitator

Powered by Obsidian

Mattermost communication platform ([link](#))

The screenshot shows the Mattermost interface. On the left is a sidebar with navigation links: GFF Fellows, Find channel, Threads, Drafts (23), FAVORITES, FSR (FSR Collections), SERVICE DEVELOPMENT (FIP Wizard), TRAINING MATERIAL (M4M training material), SPECIFICATIONS, CHANNELS (preparing ITINERIS courses, KM FSR from FAIRsharing, automating issue duplication..., creating SSSOM templates, CaseStudyNT, Analysing NIAID related ..., GFF Fellows), and a search bar.

The main area shows a channel named "Town Square" with 72 members. A message from "mabablue" at 12:14 PM says: "oh this is nice! ↗Edited but I can't remember who made that copy". Below this, a message from "mabablue" at 12:36 PM says: "hi all, would you be willing to fill out this [survey](#)? It is about making [mappings](#)! ↗Edited". A message from "System" at 1:02 PM says: "@maryam joined the team". A message from "mabablue" at 1:43 PM says: "The qualification pipeline is not working at the moment. Please don't qualify any resource until we are not ready with the new pipeline. You will get informed by me when it will be ready again. ↗Edited". A message from "mabablue" at 8:19 AM says: "Hi all, has anyone used a whiteboard solution like Miro or Conceptboard or knows a better one which you would recommend for interactive training sessions?". A message from "norbert" at 9:21 AM says: "I have worked with Miro before but would not recommend it. I am a fan of [Confluence](#)". A message from "mabablue" at 9:51 AM says: "yes confluence is great but for collaborating teams working for a long period together; or do you know that it works also for interactive sessions to collect ideas, get input on the spot and share this in a virtual session? ↗Edited". A message from "indrani.mahapatra" at 2:43 PM says: "Mentimeter could be an option - depends on how the session is structured."

On the right, a "Thread" for "rbramley" is shown. The first message from "rbramley" says: "this needs to be removed". A message from "mabablue" at 6 hours ago says: "I was looking in my mabablue github should the diagrams be all vertical? but it is possible to see all" and includes two diagrams. A message from "rbramley" at 5 hours ago says: "Your choice, it is very easy to change their direction now". A message from "mabablue" at 5 hours ago says: "ok thanks there are a few pull requests; I wonder if we can just close them?". A message from "rbramley" at 5 hours ago says: "I'll have a look through them later on this morning". A message from "mabablue" at 5 hours ago says: "thank you!".

FAIR Learning Centre

<https://courses.fairlearning.center/>

Go to Dashboard

The FAIR Implementation Profile (FIP)

0% complete

Search by lesson title

- The FAIR Implementation Profile (FIP) 0/3
- Introduction and learning objectives TEXT
- The FAIR Implementation Profile (FIP) VIDEO · 6 MIN
- Recap questions QUIZ · 3 QUESTIONS

The FAIR Implementation Profile (FIP)



GO FAIR FOUNDATION eLearning

The FAIR Implementation Profile (FIP)

GO FAIR foundation

COMPLETE & CONTINUE →

Learn more ...

<https://www.gofair.foundation/training>



The image shows a mobile phone displaying the GO FAIR Foundation website. The website has a dark theme with a yellow header. The header features the GO FAIR logo, a navigation menu with links to Home, FAIR, Criteria, Qualification, Fellow, Training, and About, and a yellow triangle containing the letters FIP, M4M, and FO. Below the header is a large image of a stained-glass window. To the right of the image are three service icons: a book for Workshops, a hand for Training, and a globe for Services. At the bottom of the screen is a yellow bar with the word 'Workshops' and an open book icon.

Workshops

Training

Services

Workshops