



FAIR Implementation Profile

Barbara Magagna

30 January 2025

IR0000032 – ITINERIS, Italian Integrated Environmental Research Infrastructures System
(D.D. n. 130/2022 - CUP B53C22002150006) Funded by EU - Next Generation EU PNRR-
Mission 4 “Education and Research” - Component 2: “From research to business” - Investment
3.1: “Fund for the realisation of an integrated system of research and innovation infrastructures”



AGENDA



13:00-13.30 (30 minutes) Welcome - Recap (Barbara)

13:30-13:50 (20 minutes) What is convergence and why it is important (Erik)

13:50-14:00 (10 minutes) FIP analysis: the FIP matrix (Erik)

14:00-14:20 (20 minutes) Explore the FIP matrix

14:20-14:35 (15 minutes) Break

14:35-14:55 (20 minutes) FIP analysis: statistical features (Erik)

14:55- 15:55 (60 minutes) FIP analysis: visualization (Kristina)

15:55-16:05 (10 minutes) Break

16:05-16:30 (25 minutes) How to become an implementer - next steps (Barbara)

16:30-16:50 (20 minutes) Exam

16:50-17:00 (10 minutes) Feedback



Recap

13:00-13:30
(Barbara)

Curation – short review

2 people involved:

- Curator (or editor)
- Reviewer

For the homework, you can play both these roles in different github issues

NOT: the author of the nanopub itself!

The person who **creates an approval nanopub** must be a trained person (you can ask me or any person listed in this [table](#))

The curation process needs to be documented in the Curation Github issue and the issue is only closed when the approval nanopub has been published.

Curation – short review

- Approve: when curator and reviewer agree on keeping it as it is
- Improve: when curator and reviewer agree on improving it
- Reject: when curator and reviewer agree on not keeping it

Curation – Approve

- Approve -> just create an approval nanopublications using

3PFF

- ☰ [3PFF Qualification](#) - by Barbara Magagna, 2025-01-30
- ☰ [Declaring the completion of a 3PFF Programme](#) - by Barbara Magagna, 2025-01-27
- ☰ [Declaring the participation in a 3PFF event](#) - by Barbara Magagna, 2024-12-28
- ☰ [Defining a 3PFF event](#) - by Barbara Magagna, 2024-12-03
- ☰ [Approving the metadata nanopublication for a FAIR Supporting Resources](#) by Barbara Magagna, 2024-11-22

Assertion

Approving the metadata nanopublication for a FAIR Supporting Resources ^

approves

Provenance

Attributed to somebody and documented in a github issue ▾ ^

The assertion above is attributed to

The assertion above is attributed to

(optional)

The assertion above documented in github issue

(optional)

Curation – Improve

- Check who is the creator

A.



this nanopublication

wasDerivedFrom

3ae93ec1-8d85-4a23-9670-52cc726dbc99 .

FIP Wizard, 29 Jan 2025, 10:26:12 UTC

- Go to the project, update and publish a new document (informing the creator)

Curation – Improve

- Check who is the creator

A.



this nanopublication wasDerivedFrom 3ae93ec1-8d85-4a23-9670-52cc726dbc99 .

FIP Wizard, 29 Jan 2025, 10:26:12 UTC

- Go to the project, update and publish a new document (informing the creator)

B.



This nanopublication was created at nanodash.knowledgepixels.com .

Barbara Magagna, 30 Jan 2025, 10:36:25 UTC

1. Ask the creator to improve it, if not possible, then
2. Create a derived one and add the Thing URI of the old nanopub
3. Approve this new nanopub
4. Disapprove the old nanopub (only if you are a FIP expert!)

Curation – Improve with a new template

- Check who is the creator

A.



```
this nanopublication wasDerivedFrom 3ae93ec1-8d85-4a23-9670-52cc726dbc99 .  
FIP Wizard, 29 Jan 2025, 10:26:12 UTC
```

You just need to make a migration of the project

- Go to the project, update and publish a new document (informing the creator)

Curation – Improve with a new template

- Check who is the creator

A.



this nanopublication wasDerivedFrom 3ae93ec1-8d85-4a23-9670-52cc726dbc99 .
 FIP Wizard, 29 Jan 2025, 10:26:12 UTC

You just need to make a migration of the project

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B.



This nanopublication was created at nanodash.knowledgepixels.com .
 Barbara Magagna, 30 Jan 2025, 10:36:25 UTC

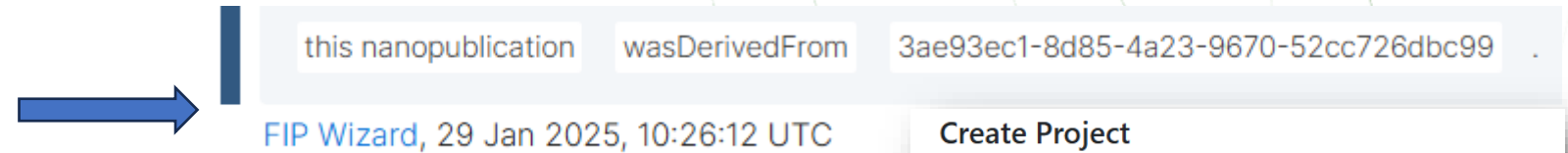
- You need to use this [schema](https://nanodash.knowledgepixels.com/publish?template=*newTemplateURI*&supersede=*oldNanopubURI*) (3B, 2iii):
https://nanodash.knowledgepixels.com/publish?template=*newTemplateURI*&supersede=*oldNanopubURI*
- Copy the Thing URI in the subject of the new template
- Approve the newly created nanopub
- Disapprove the old nanopub



Curation – Reject

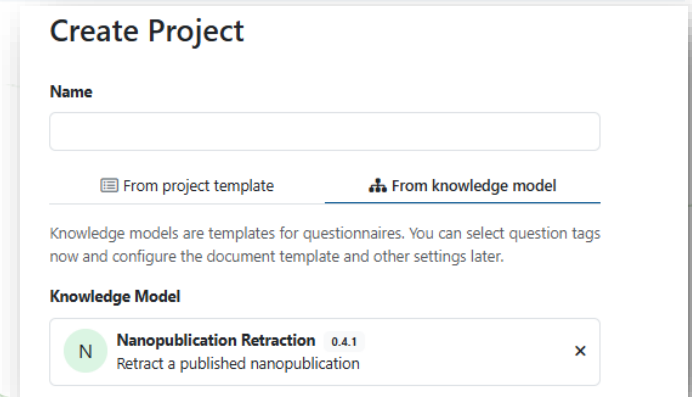
- Check who is the creator

A.



this nanopublication wasDerivedFrom 3ae93ec1-8d85-4a23-9670-52cc726dbc99 .
 FIP Wizard, 29 Jan 2025, 10:26:12 UTC

- Go to the Wizard and open a new project using this template (only if you are a FIP expert!)



Create Project

Name

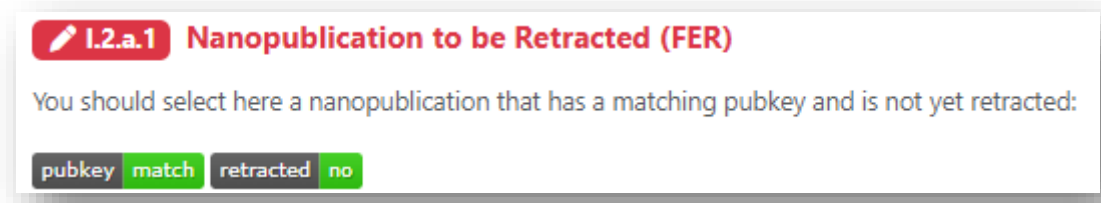
From project template | From knowledge model

Knowledge models are templates for questionnaires. You can select question tags now and configure the document template and other settings later.

Knowledge Model

N Nanopublication Retraction 0.4.1
Retract a published nanopublication

- You can only retract if you see all green:



I.2.a.1 Nanopublication to be Retracted (FER)

You should select here a nanopublication that has a matching pubkey and is not yet retracted:

pubkey match retracted no

Duplications

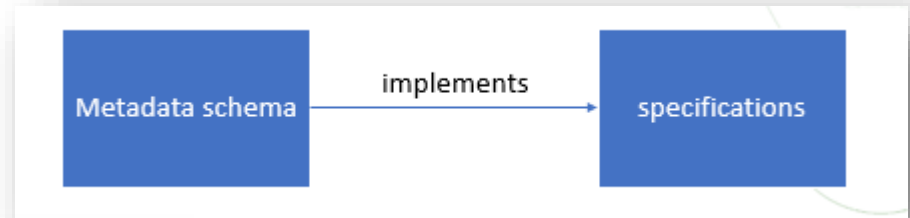
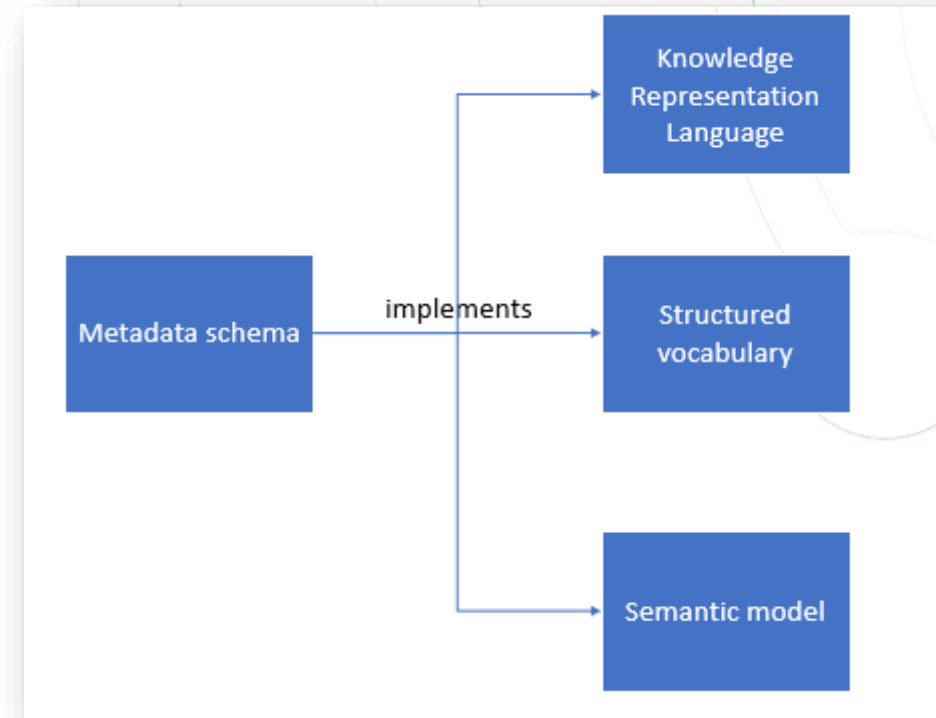
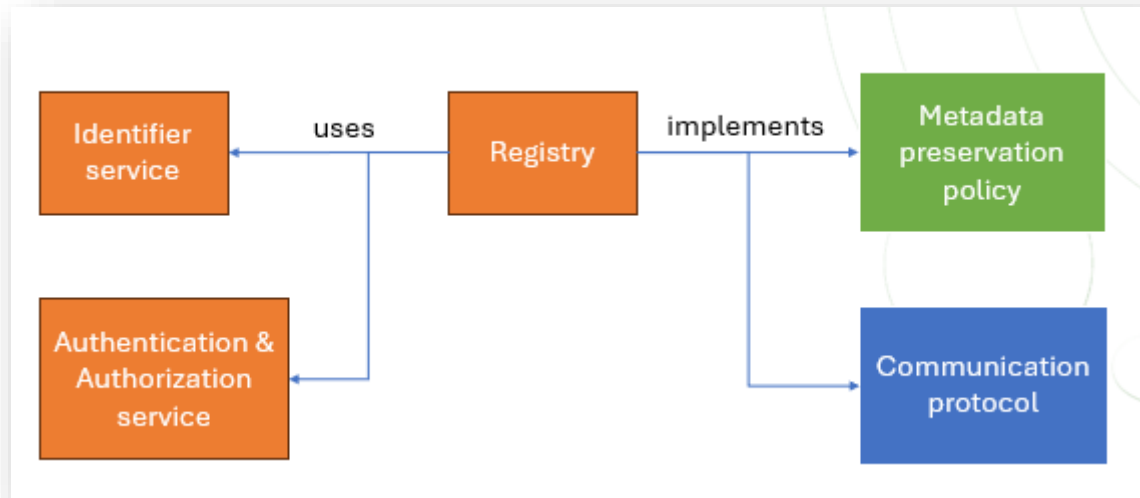
In case you have found (using this [API](#)) more than one nanopublication describing the same resource:

- Check whether it has been used in a FIP using this [API](#) by searching either via its name or the thing URI
- Keep the one that has already been used and improve that one if needed
- Retract (FIP Wizard) or Disapprove (Nanodash) the duplicate(s)
- If both nanopubs were used, you will have to choose for one and you will have to update the FIPs accordingly

Which GitHub issues to curate

- You need to curate those that are published by your community
- You should curate those where you have most knowledge about the topic, ask colleagues to help you (reviewers)
- For being qualified as a FIP implementer you need to resolve at least 5 curation issues
- Once qualified, we ask you to contribute to improve the common knowledge base based on your availability and skills!

Dependencies



Linkages to the FSR via Thing URIs:

- Sometimes using dropdowns
- Sometimes needed to add URIs manually

How to refer to parent FSRs:

- Using `skos:broader`

short name, used as URI suffix

<http://www.w3.org/2004/02/skos/core#broader>

the identifier of the related resource

(optional)

How to become an implementer - next steps

16:05-16:30
(Barbara)

Requirements to get qualified as a FIP implementer:

1. Attendance of FIP (FIP.32.T) & FA (FA.5.T) training sessions
(you can record your presence also after you have listened to the recordings!)
2. Passed exam (today!)
3. Make Homework (to be finished by end of February 2025)
4. Nanopublish a completion of the FIP Programme
5. Fill out a [google form](#) to receive the FIP facilitator certificate

Homework

To be finished by end of February 2025

Make your updates visible in this [sheet](#)!

1. Published a complete FIP or participated in the creation of a FIP
(in case it is only a hypothetical FIP don't publish it as a nanopub, just compile the project)
2. Published 3 FERs one of which can be a community nanopub
3. Curated 5 FERs nanopubs (and documented them in GitHub)
4. Analysed a FIP matrix (max 1-2 pages), publish on OSF
5. FAIR assessed a metadata schema (max 1-2 pages), publish on OSF

Send an email to barbara@gofair.foundation including the two OSF links



Completion of FIP Programme

Assertion

Declaring the completion of a 3PFF Programme ^

I (Barbara Magagna) participated as facilitator aspirant in 3PFF FIP programme .

I (Barbara Magagna) was trained by <https://ror.org/056j50v04> .

I (Barbara Magagna) assisted 3PFF event .

(optional)

I (Barbara Magagna) passed exam on "2025-01-30" .

I (Barbara Magagna) created [URI to a FAIR Supporting Resource](#) .

I (Barbara Magagna) created [URI to a FAIR Supporting Resource](#) .

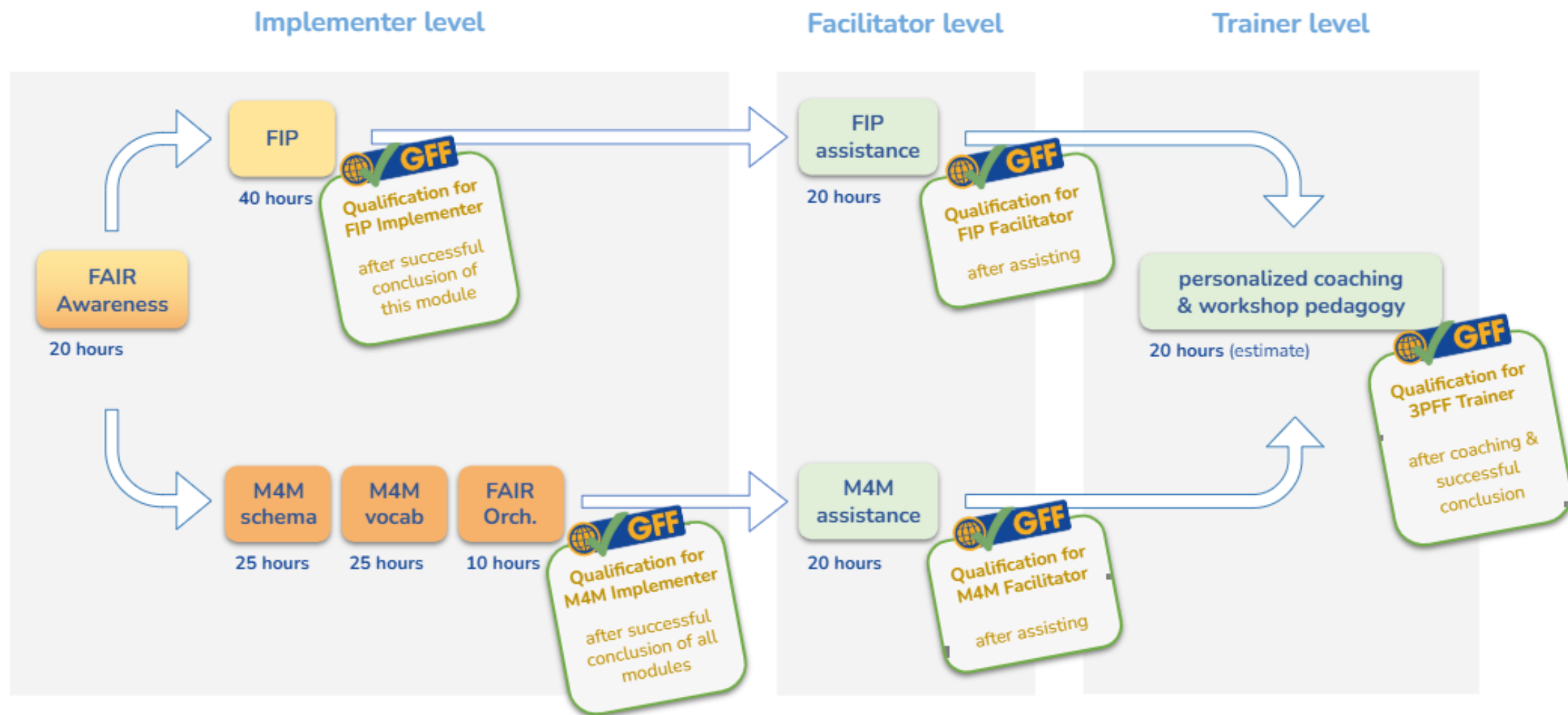
I (Barbara Magagna) created [URI to a FAIR Supporting Resource](#) .

3 FSR metadata nanopubs (the latest versions!)
that I need to approve!

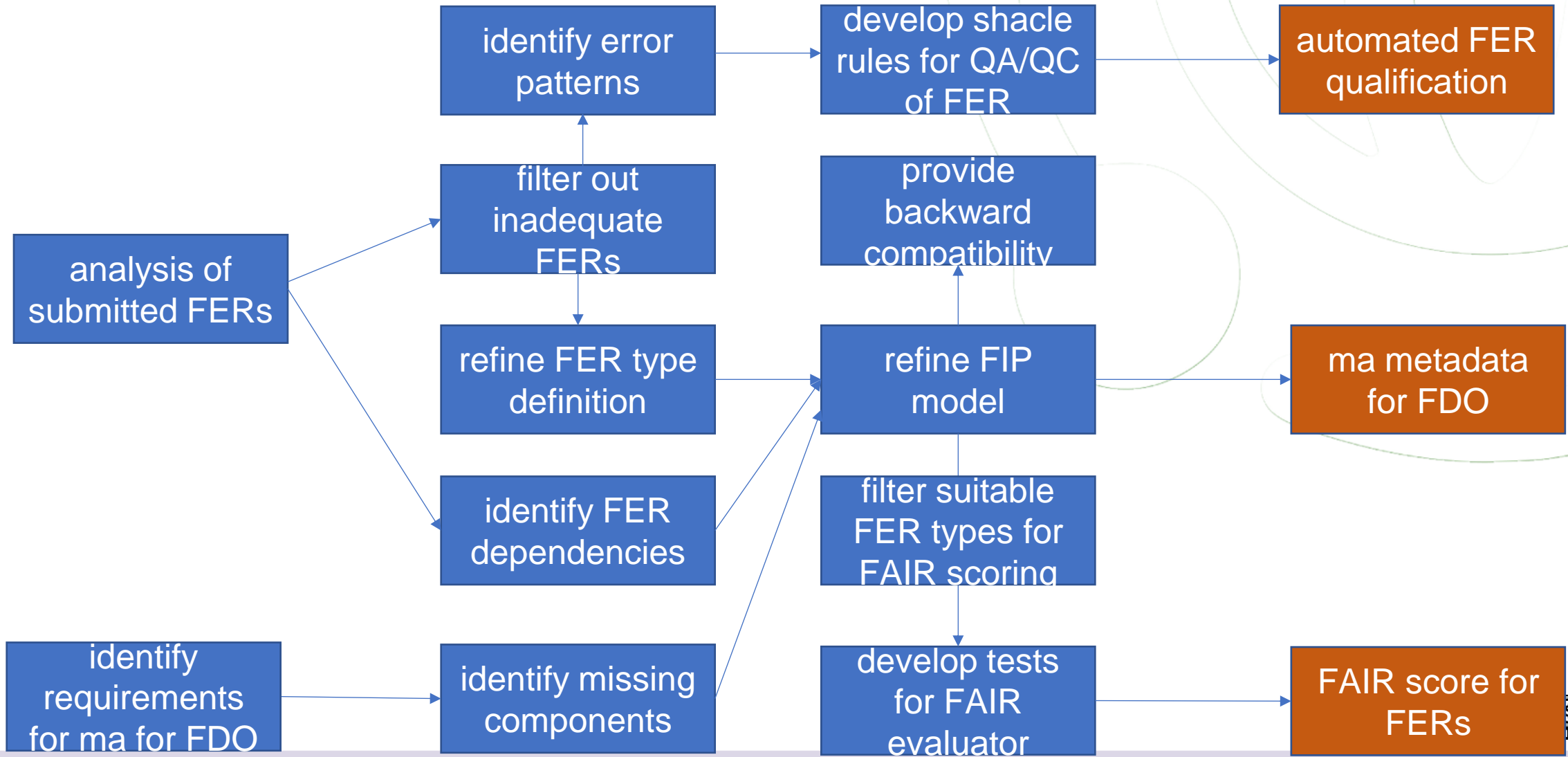
FIP Implementer Qualification

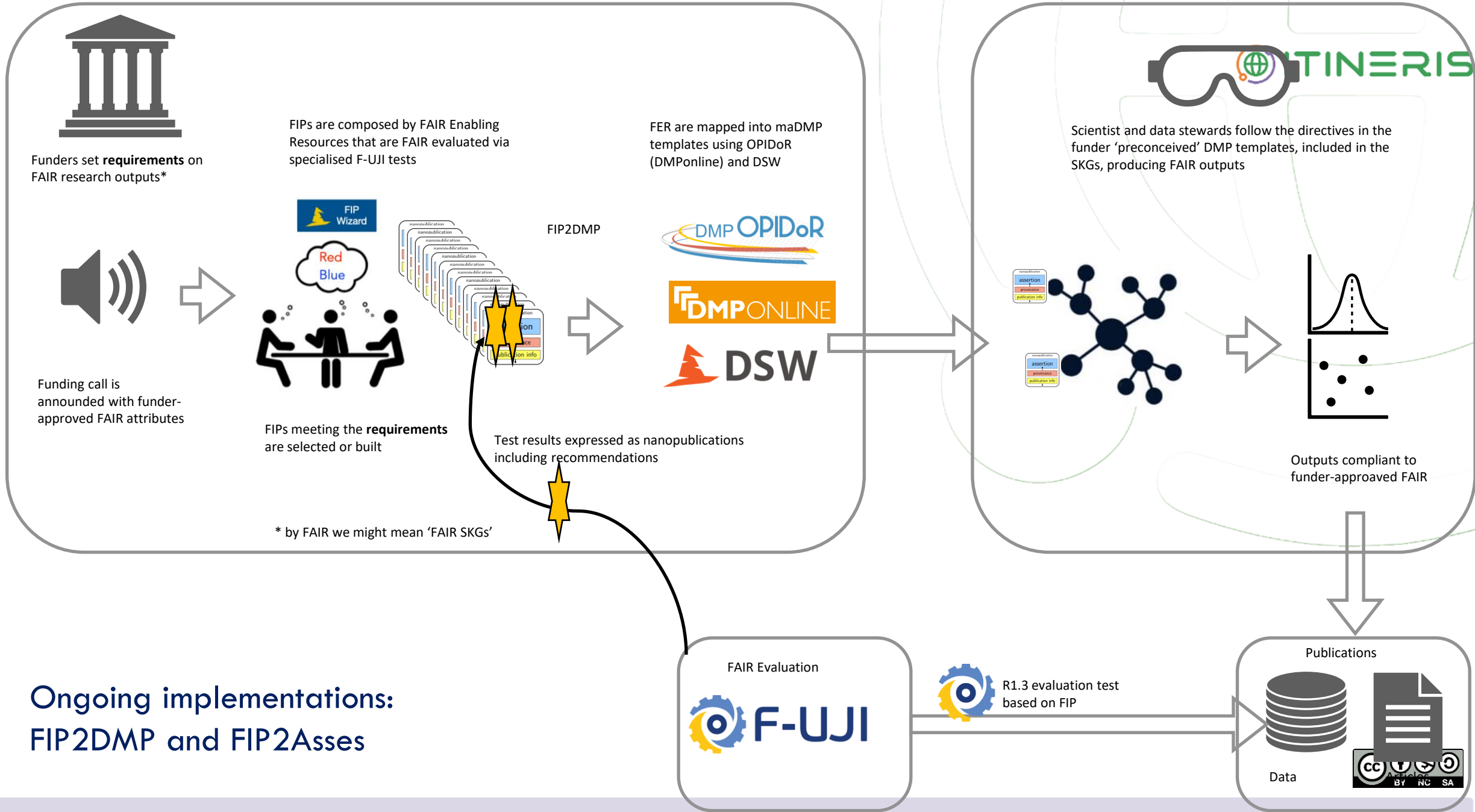
- Listed as expert in the [GO FAIR Foundation website](#)
- Knowledge and implementation of the FIP environment changes, we therefore require you to get informed about this progress at a **yearly** basis in a 3 hours workshop, after attendance your **qualification is renewed!**
- Become part of FAIR experts in [Mattermost](#) and collaborate on improvements!
- Come to our Fellows Days! [Next](#) is **February 3**, afternoon, in person at GFF office, in Leiden and online via the [zoom](#)!
- Stay tuned via the [GO FAIR wiki](#)!

GFF Capacity Building Programme



Towards a professional FIP service – introducing automation





Ongoing implementations: FIP2DMP and FIP2Asses