



FAIR-IMPACT

Expanding FAIR solutions across EOSC

FAIR-IMPACT support for National
Level Initiatives

Assessing national current FAIR-enabling capabilities

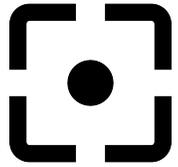
Tuesday 14 May 2024

14:00 - 16:00 CET

Workshop Agenda

Time	Topic	Speaker
10 min	Workshop introduction	Suzanne DUMOUCHEL (CNRS)
25 min	The Achilles-heel of enabling FAIR: why a systemic reform of research assessment is a prerequisite of FAIR research conduct?	Erzsébet TOTH CZIFRA (CoARA)
5 min	Questions	All
25 min	Presentation on metrics and indicators	Katarzyna NAWROT (CoARA)
5 min	Questions	All
30 min	Discussion	All
10 min	Next steps	Suzanne DUMOUCHEL (CNRS)

Technical details



- The **workshop will be recorded** and available on Youtube.



- If you have any questions, please **write them in the chat and raise your hand** during the question period.



- Please **switch off your microphone** during presentations.

Introduction to the FAIR IMPACT project



**Call
HORIZON-INFRA-2021-
EOSC-01-05**

**Expanding FAIR
solutions in Europe**

**Partly following up on
FAIRsFAIR**



EU funded project

**Coordination and
Support Action**

10 million euro

**36 months
Starting 1 June 2022**



**28 partners and
affiliate entities**

**From 10 EU
member states:
NL, FI, FR, DK, IT,
DE, ES, NO, BE,
RO**

& the UK

FAIR-IMPACT overall objective

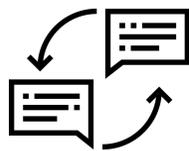
WHAT:

⇒ to realise a FAIR EOSC by **supporting FAIR-enabling practices** across scientific communities and research outputs at all levels;

HOW:



- **identifying current and emerging components for enabling FAIR** (practices, policies, tools & technical specifications);



- **translating viable solutions** that have been developed for one domain or research output and **supporting their application in others**;



- defining the support, governance, and coordination mechanisms required **to ensure the continuous function of FAIR-enabling practices in the EOSC.**

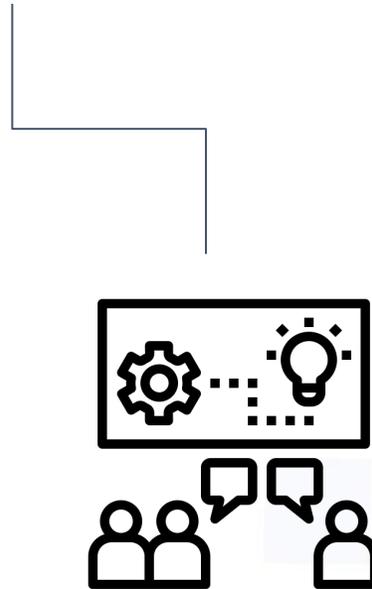


Introduction to FAIR national initiatives support programme



A focus on methodology:

At country level, how can we develop a FAIR implementation **action plan?**

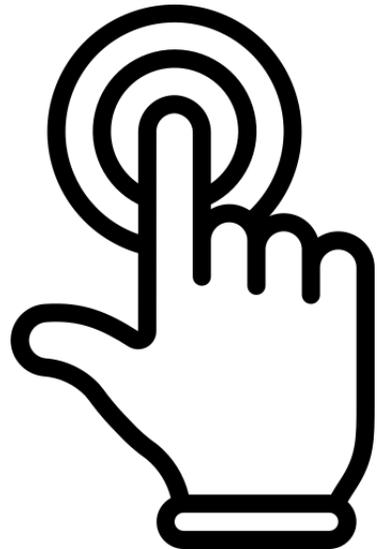


Workshop series on
targeted topics

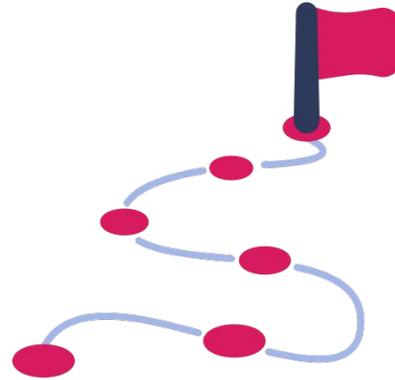
Main objective: to draft a FAIR implementation action plan



1. Objectives



2. Actions



3. Milestones

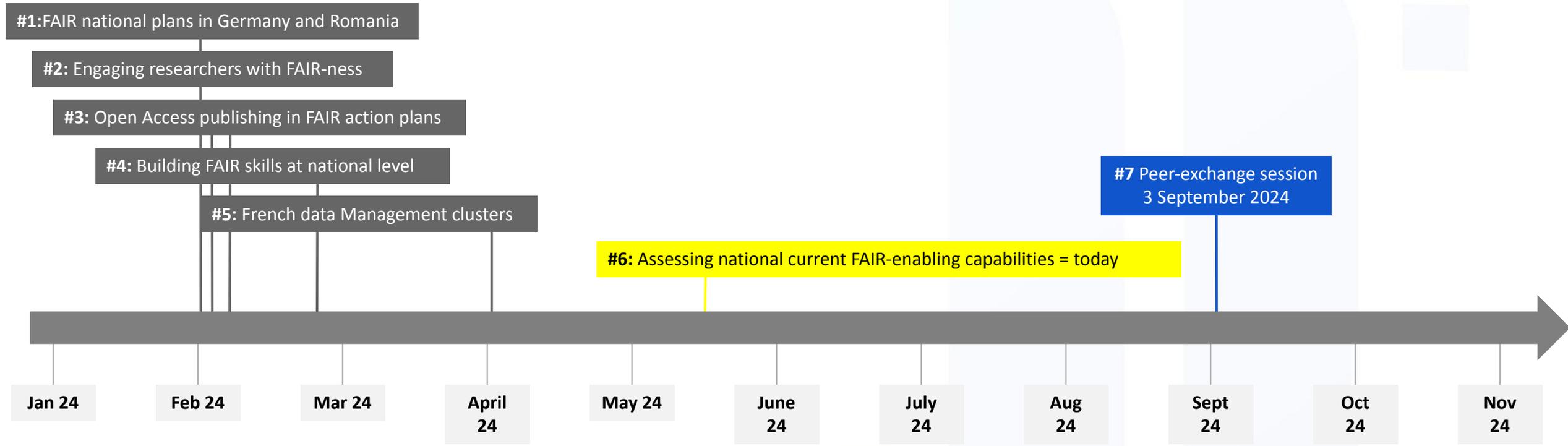


4. Roles & responsibilities



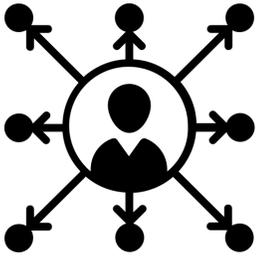
5. Priorities

Workshops detailed planning





Today's topic: how to reform research assessment?



CoARA: Coalition
for Advancing
Research
Assessment



723 organisations
have signed the
agreement

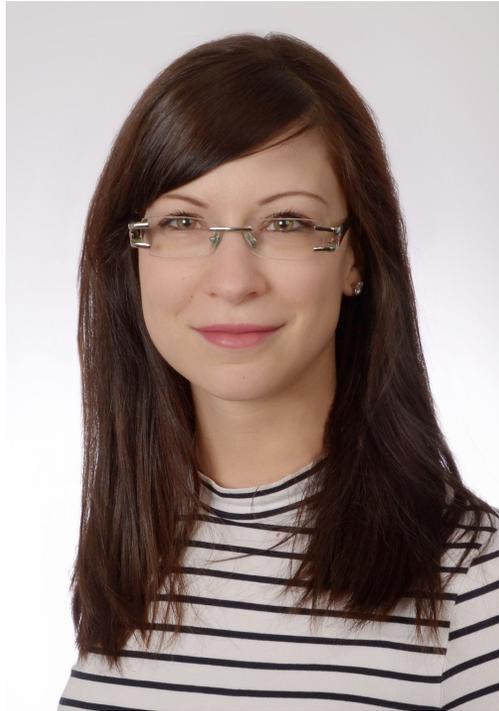


10 commitments to reform research
evaluation while respecting the
autonomy of organisations

*"Abandon inappropriate uses in research assessment
of journal (...) based metrics, in particular
inappropriate uses of Journal Impact Factor (JIF) and
h-index"*



Introduction to today's keynote speakers



Erzsébet TOTH CZIFRA
CoARA Boost Programme
Manager



Katarzyna NAWROT
Responsible for metrics and indicators
for CoARA working groups

A decorative graphic on the left side of the slide features two overlapping semi-circles, one dark blue and one light blue, with several small yellow squares scattered around them.

The Achilles-heel of enabling FAIR: why a systemic reform of research assessment is a prerequisite of FAIR research conduct?

Dr. Erzsebet Toth-Czifra (CoARA),
14.05.2024

Running order

- Why the reform of research assessment is not just another policy topic to tackle
- Why it is a complex reform and why CoARA won't tell you which metric JIF should be replaced by
- What is CoARA and where is FAIR in it
- How you can engage with the reform



If you could change just one aspect of present-day academia, what would it be?

„I think for me it would be changing the emphasis on the credit for the work being done. It might be a daydream: getting credit for all the wonderful things that you're being asked to do that are above and beyond just publishing an article or a book. And it would help enrich disciplines and enrich the public value of the humanities and build up a better perception of what Humanities bring to society more largely.”

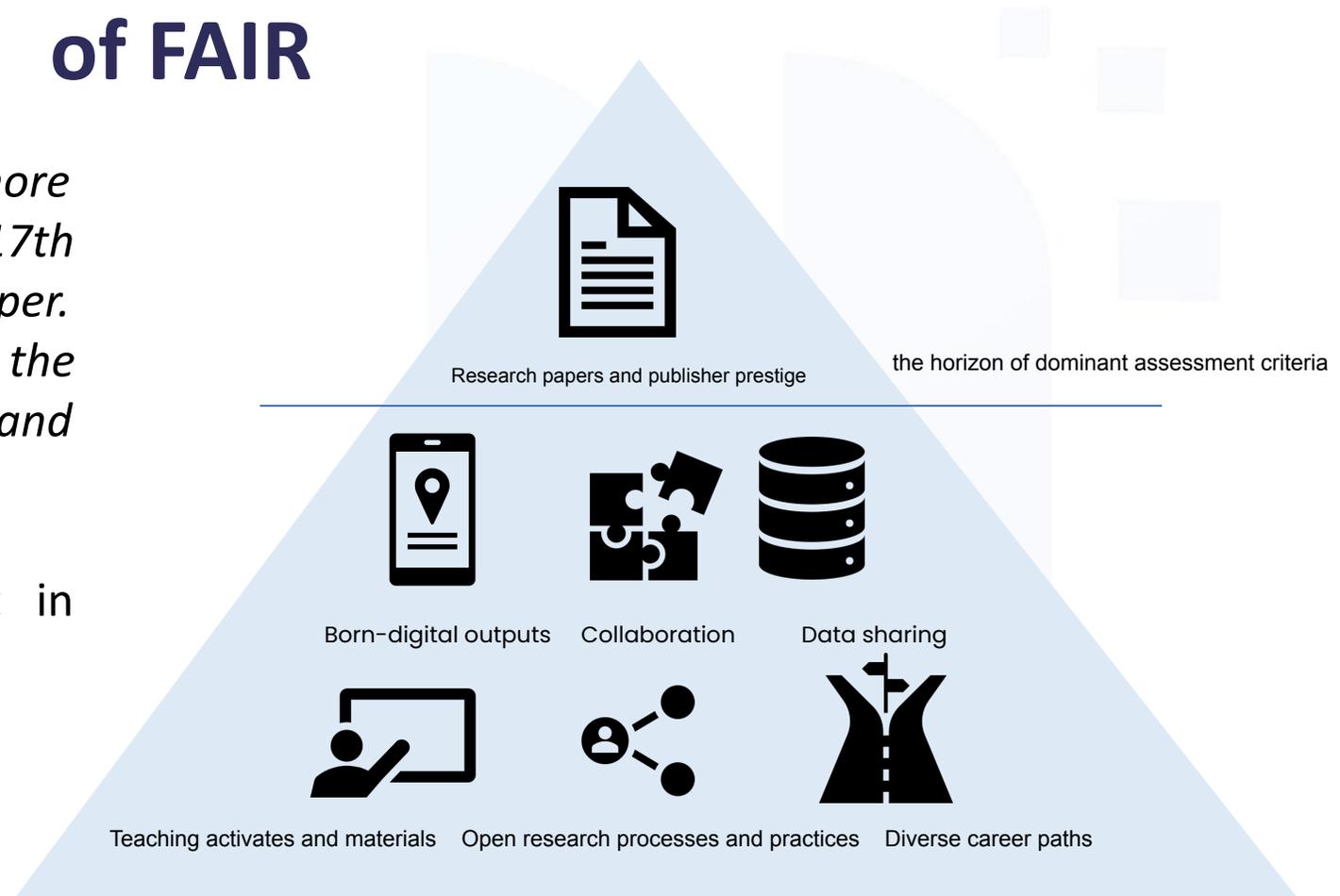
PhD candidate in Digital Humanities,
Ireland. Context:
[10.5281/zenodo.4922537](https://zenodo.org/doi/10.5281/zenodo.4922537)

The reform of research assessment as a precondition of FAIR

"Research outputs now encompass far more than what can be expressed in the 17th century construct of the research paper. Scholars deserve to be given credit for the many contributions they make above and beyond the articles."

Paola Masuzzo: Open Science: a shift in conversation.

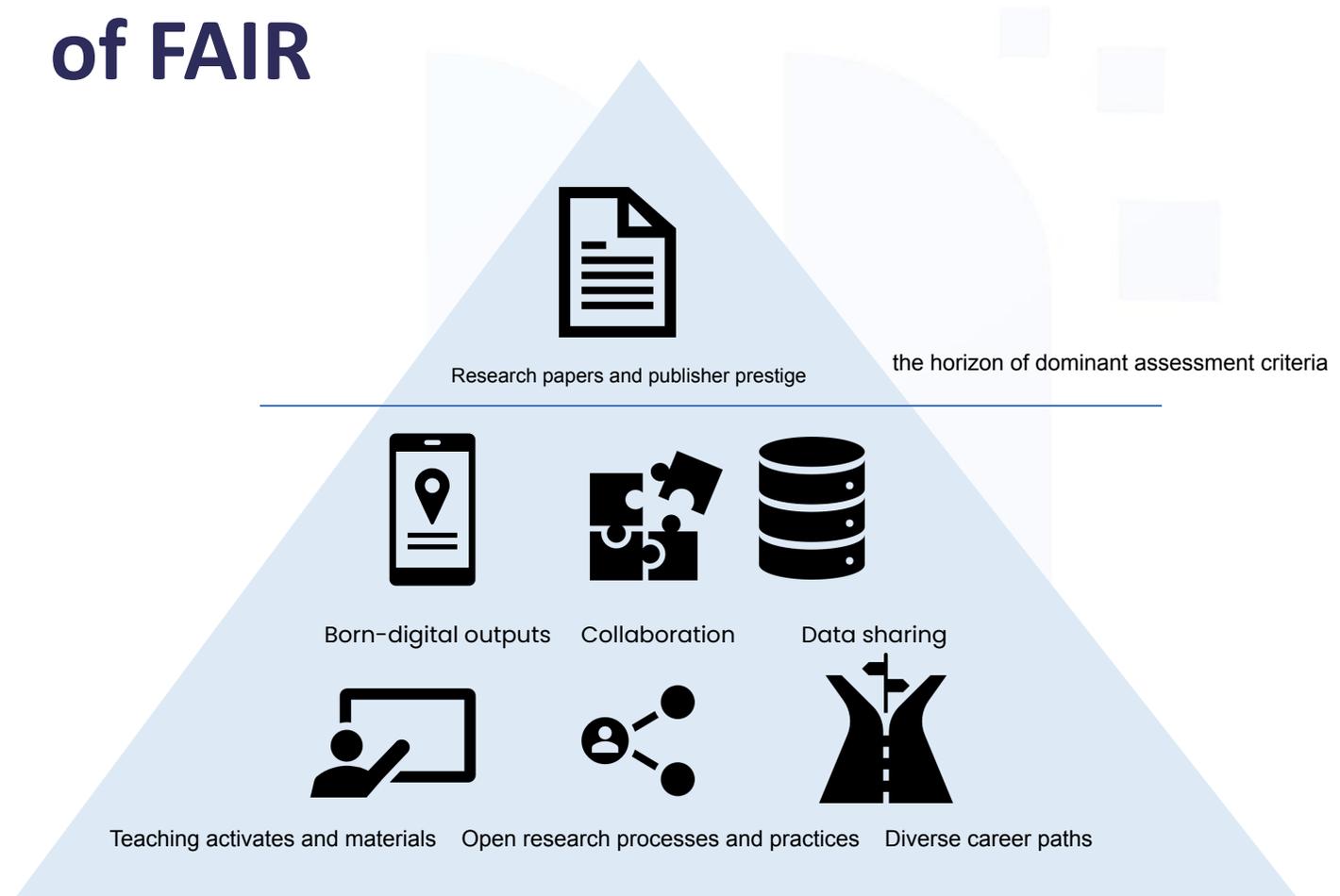
10.5281/zenodo.3435019



The reform of research assessment as a precondition of FAIR

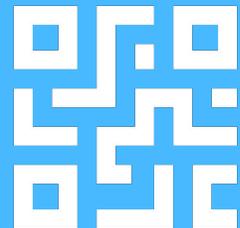
Conducting research in an open and FAIR manner requires solid effort that deserves proper academic credit.

The reform of research assessment is absolute precondition FAIR to become the modus operandi of scientific production worldwide.

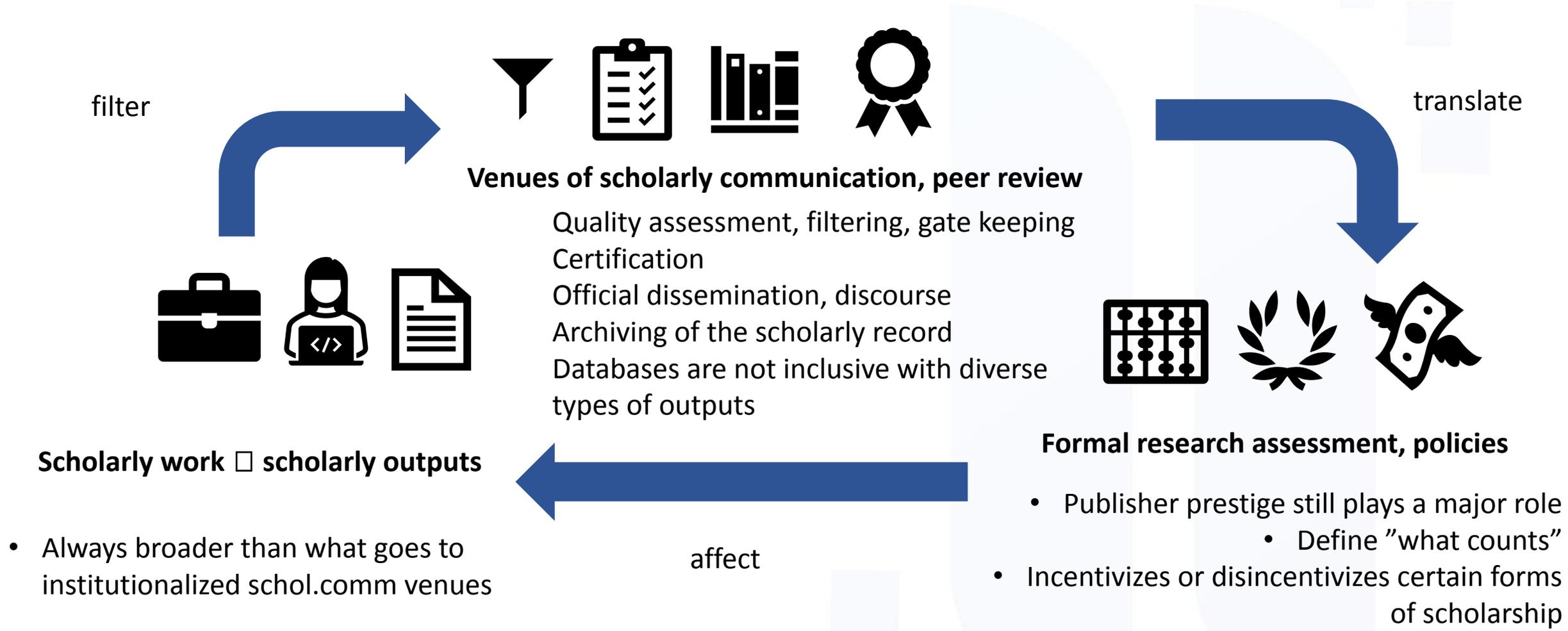


Why the research assessment reform is a complex endeavour?

...and why CoARA won't tell you which
metric JIF should be replaced by



The vicious circle of publisher prestige economy





How to break the vicious circle of prestige economy?

Areas to co-address

Social - epistemic	Technological	Policy
<ul style="list-style-type: none"> Context-sensitive consensus on what is valued in present-day research (generic values) 	<ul style="list-style-type: none"> Enabling citability of digital research outputs (F) 	<ul style="list-style-type: none"> Reflect on values and missions Diversify career paths and types of contributions considered in research assessment Abandon the simplistic use of metrics and rankings,
<ul style="list-style-type: none"> Consensus on discipline-specific and even cross-disciplinary evaluation criteria (content types etc.) 	<ul style="list-style-type: none"> Enabling their visibility in discovery platforms and information systems used for assessment (F, A,I, R) 	<ul style="list-style-type: none"> Reward qualitative assessment approaches Combine meaningfully quantitative and qualitative methods
<ul style="list-style-type: none"> Education (on assessment, on peer review, on research integrity and FAIR research conduct) 	<ul style="list-style-type: none"> Bringing transparency and openness to both relevant data, data processing and services (no black boxes) 	<ul style="list-style-type: none"> Rely on transparent data and infrastructure in research(er) assessment processes

How to break the vicious circle of prestige economy?

- Through a set of urgent and harmonized actions and call for a new social contract
- Synchronised action from key actor groups is essential to harmonise efforts and enable a truly systemic change



What is CoARA and where is FAIR in it?



A shared direction to the reform of research assessment



Spring- Autumn 2021
Scoping report and EU-wide multi-stakeholder consultation on research assessment by the European Commission

Jan-July 2022 drafting the Agreement

20 July 2022
Publication of the Agreement



1 December 2022
Constitution of CoARA

early 2024:

- ✓ A coalition of more than 600 members
- ✓ 13 Working Groups operational
- ✓ 15 National Chapters
- ✓ Policy impact (ERC, REF etc.)
- ✓ CoARA Boost project up and running

4 core Commitments

1. **Recognise the diversity of contributions** to, and careers in, research, in accordance with the needs and the nature of the research.
2. **Base research assessment primarily on qualitative evaluation for which peer-review is central**, supported by responsible use of quantitative indicators.
3. **Abandon the inappropriate uses in research assessment of journal- and publication-based metrics**, in particular the inappropriate uses of journal impact factor (JIF) and h-index.
4. **Avoid the use of rankings of research organisations** in research assessment.

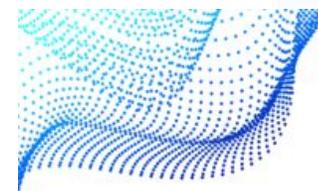


See also the
grounding
principles: [The Agreement full text - CoARA](#)

From Agreement to action



<https://coara.eu/news/guidelines-for-action-plan-preparations-published/>



Action Plan Guidelines

CoARA
Coalition for Advancing
Research Assessment

SUPPORT FOR CoARA SIGNATORIES IN THE PREPARATION OF ACTION PLANS

This document is a resource to support signatories of the Agreement on Reforming Research Assessment and members of the Coalition for Advancing Research Assessment (CoARA) in preparing an action plan towards achieving the commitments they have signed up to.



https://zenodo.org/communities/coara_action_plans/

Eurodoc @Eurodoc · Oct 12, 2023

The first **#ActionPlan** for advancing **#ResearchAssessment** has been made available in the **@CoARAssessment #Community** on **@ZENODO_ORG** - check it out here: surl.li/mbtse

zenodo

Coalition for Advancing Research Assessment - Action plans from signatories and members

Found 1 result.

Eurodoc Statement on 'Commitments to Developing a Eurodoc CoARA Action Plan'

The European Council of Doctoral Candidates and Junior Researchers (Eurodoc) signed the Agreement on Reforming Research Assessment (ARRA) and joined the Coalition for Advancing Research Assessment (CoARA) on September 29th, 2022, thereby being among the group of early signatories. Eurodoc is committ...

Updated on October 4, 2023.

Pastora Martínez Samper @pastorams · Apr 5

Proud and happy to share with you that the **@CoARAssessment action plan** has been recently approved at **@UOCuniversitat** 🥳

The English version is available at **@ZENODO_ORG** and the Catalan and Spanish ones in our institutional repository

zenodo.org
CoARA Action Plan 2024-2027. Universitat Oberta de Catalunya (UOC) has been a member of the Coalition for Advancing Research ...

2 12 40 2.1K



@EULIFEnews @EULIFE_news · Nov 8, 2023

We are thrilled to announce that the **#CoARA** Working Group on 'Supporting the alignment of **#ResearchAssessment** systems with **CoARA** in biomedical disciplines through administrative reforms & **#governance**' had its kick-off meeting last Friday and is now working on its **action plan!**

Video call thumbnail showing multiple participants in a meeting.

Janne Pölönen · 1st
Secretary General for Publication Forum at Federation of Finnish Learned S...
1w · 🌐

Suomen kansallinen CoARA osasto järjesti 12. maaliskuuta CoARA Action Plan -webinaarin, jonka tarkoitus oli tukea suomalaisia organisaatioita CoARAN edellyttämän toimintasuunnitelman laatimisessa sekä jakaa tietoa ja l...see more

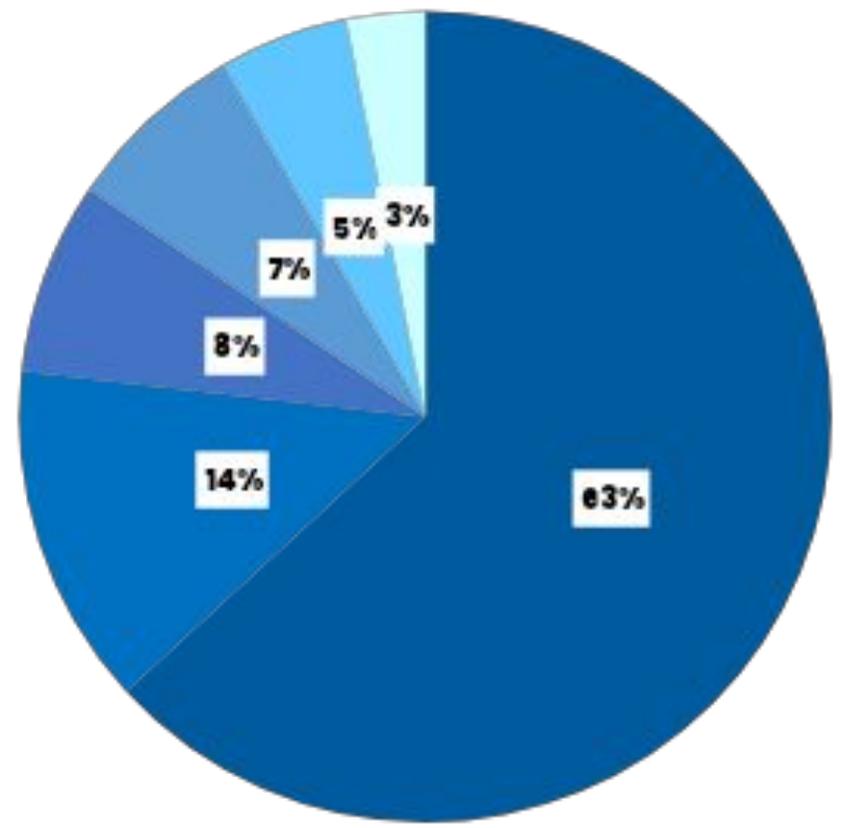
[See translation](#)

CoARA Action Plan -webinaarin antia
vastuullinentiede.fi · 1 min read

Michal Petr @Michal_Petr_MU · Dec 4, 2023

I am happy to share that we have recently published the Masaryk University **Action Plan for CoARA**. zenodo.org/communities/co... Responsible assessment is our important institutional value. Time for communication, analysis, collaboration and transparency.

CoARA Membership by type of organisation



In descending order of total share:

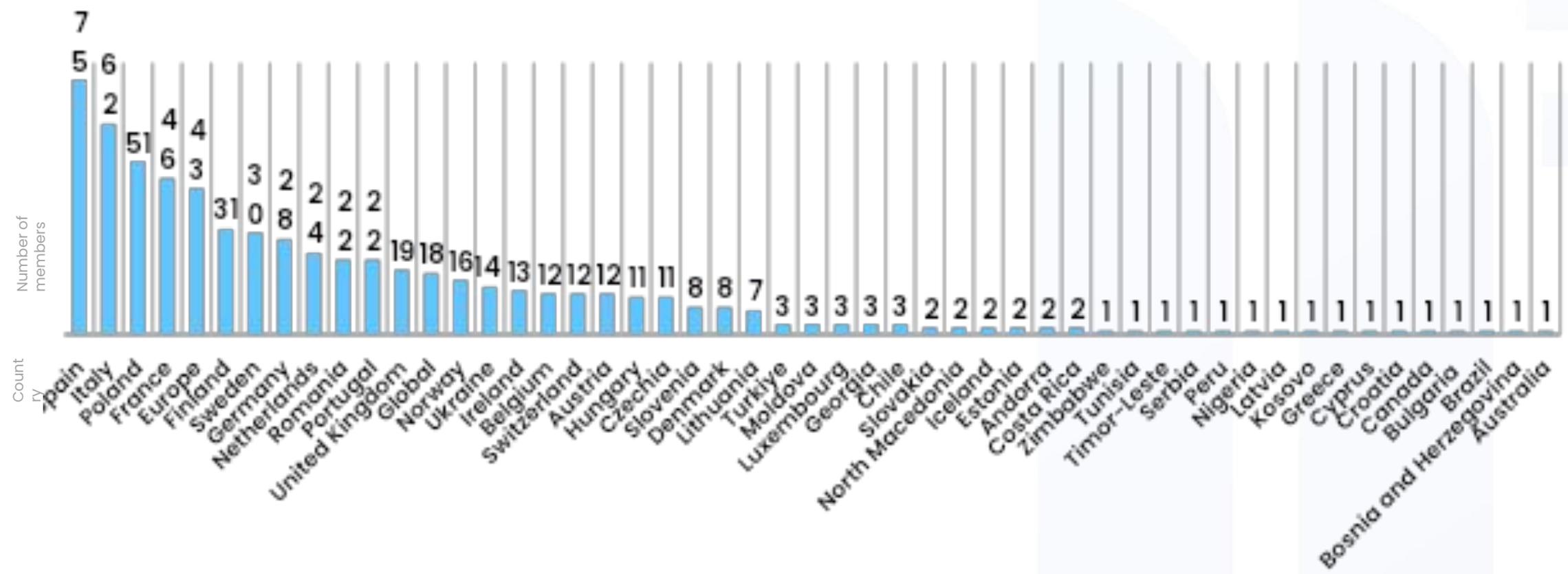
- Universities and their associations
- Research centres, research infrastructures, and their associations
- Academies, learned societies, and their associations, and associations of researchers
- Public or private research funding organisations and their associations
- Other relevant non-for-profit organisations involved with research assessment, and their associations
- National/regional authorities or agencies that implement some form of research assessment and their associations

638 member organisations

724 signatories

[3 May 2024]

CoARA MEMBERSHIP BY COUNTRY



Membership total:
638

of countries*:
49

(3 May 2024)

*excl. pan-European and global organisations

Overview of the CoARA working groups



Towards Open Infrastructures for Responsible Research Assessment



Multilingualism and language biases in research assessment



Recognizing and Rewarding Peer Review



Experiments in Assessment – Idea generation, co-creation, and piloting



Reforming Academic Career Assessment



1st WGs Co-Chair meeting 17 November 2023



Improving practices in the assessment of research proposals



Towards Transformations: Transdisciplinarity, Applied/Practice-Based Research, and Impacts



Supporting the alignment of research assessment systems with CoARA in biomedical disciplines through administrative reforms and governance



Early- and mid-Career Researchers (EMCRs) – Assessment and Research Culture



Global framework for research evaluation in the social sciences and the humanities (SSH)



Ethics and Research Integrity Policy in Responsible Research Assessment for Data and Artificial Intelligence (ERIP)



TIER – Towards an Inclusive Evaluation of Research



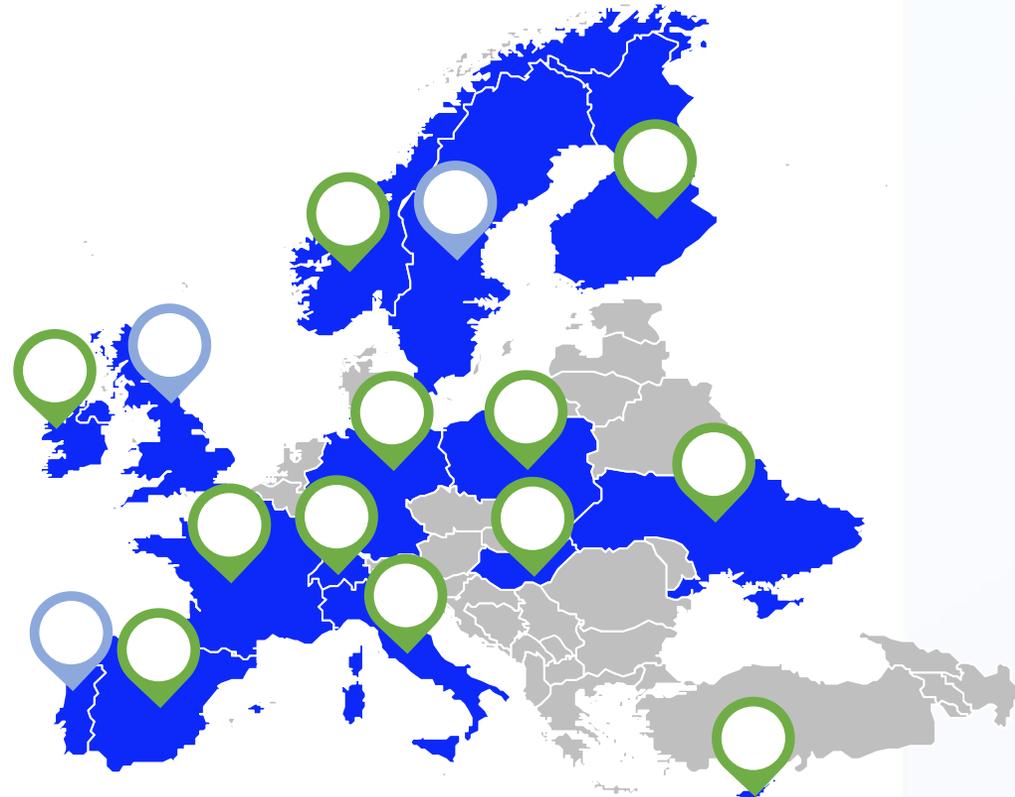
Responsible metrics and indicators

National chapters

**CoARA
implementation
communities in a
given country**

**National-level
outreach,
contextualization
Building a critical
mass, harmonizing
efforts**

**No cut-off date :
monthly submission
review**



- Andorra
- Cyprus
- Finland
- France
- Germany
- Hungary
- Ireland
- Italy
- Norway
- Poland
- Portugal
- Spain
- Sweden
- Switzerland
- Ukraine
- United Kingdom

Nicolas Fressengeas @fresseng: coordinated discussion of research assessment in France, evolving towards a **CoARAssessment national chapter #eu2023se #OpenScience**

The slide content includes:

- French national coordination**
- A nationwide coordinated working group
 - Hcéres
 - Universities
 - National research organisations
 - Funding agencies
 - Any other institution signing CoRA
- A year old coordination**
 - At the heart of the organization of the 2022 Paris Open Science European Conference
 - Launched the Paris Call on Research Assessment
 - Evolving towards the CoARA French national chapter

Janne Pölonen @jannepolonen@mstdn.social @PolonenJanne · Nov
Great news! Federation of Finnish Learned Societies (@tsv_media) submitted today to **CoARAssessment** the complete proposal for **National Chapter** on behalf of 27 CoARA members and 2 agreement signatories from Finland.

The graphic features the CoARA logo and the text: **CoARA Working Groups and National Chapters: Complete Proposal Submission**

National Open Research Forum (NORF) Ireland Following 1,308 posts. Thank you to @RAAssessment President, Pat Gully for welcoming participants to today's workshop on #researchassessment, to @anita_maguire, @enigmaticocean, and to visual artist and illustrator @MccomishBeth for her amazing artistic interpretation of our discussion @norfireland

NATIONAL CHAPTER, SPAIN

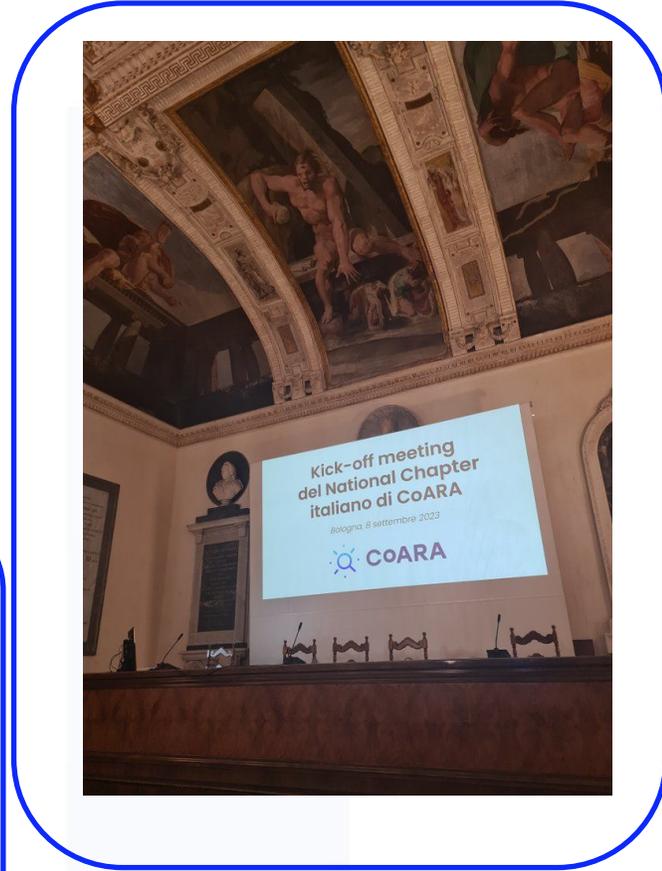
OUTPUT AND DELIVERABLES

WGs 1-3

- Internal WGs coordination meetings
- D1. Mapping best practices
- D2. Assessment of opportunities and challenges
- D3. Implementation of Small Pilot Projects
- Elaboration of proposals and recommendations

CSIC @CSIC · Jul 18
La Coalición para el Avance de la Evaluación de la Investigación **CoARAssessment** aprueba la propuesta de 'National Chapter Spain' d' **#Cruce @ANECAinfo @CSIC**
Paso significativo en línea con la comunidad investigadora internacional
csic.es/es/actualidad-...

The graphic shows a person working at a laptop with the CoARA logo and text: **CoARA** Coalition for Advancing Research Assessment



Learn more: National Chapters – CoARA:
<https://coara.eu/coalition/national-chapters/>

From agreement to action



Open Call for Cascade Funding

Catalysing Reform
in Research Assessment!

Find out more: coara.eu/first-call-cascade-funding/

Apply by
26 June!



- Facilitate the exchange, transfer and adaptation of proven good practices and their adoption in research organisations
- Catalyse the set-up or transformation of research assessment practices and tools in line with the commitments of the Agreement on Reforming Research Assessment.
- Support the development and testing of new and innovative research assessment approaches, models and procedures

How can you get involved in the reform?

...without having to engage with just another policy topic





As a representative of a Research Performing Organisation

- Reflect on the values and mission of your institution
- Consider the SCOPE framework for research evaluation when reviewing or developing criteria, tools and processes
- Enable greater diversity in career paths and profiles

by recognising more diverse competencies and talents

- Involve a broad range of stakeholders (staff, HR etc.) and educate them
- Consider meaningful combinations of quantitative and qualitative proxies (see e.g. Grasp OS case studies)
- Rethink your institution's participation in global rankings
- Consider relying on open infrastructure in your assessment procedures
- Sign the ARRA, join CoARA, participate in knowledge sharing (e.g. the Academic Career Assessment CoARA WG)

SWI swissinfo.ch Swiss perspectives in 10 languages

News >
Education >

University of Zurich withdraws from international university ranking

A photograph showing several blue and white banners with the text 'Universität Zürich' in front of a classical building facade with windows and a stone relief.

Home > CNRS Info

The CNRS has unsubscribed from the Scopus publications database

January 11, 2024

RESEARCH

A photograph of a person wearing a VR headset and using hand tracking to interact with a digital interface displaying colorful data points and lines.

As a representative of a Research Funding Organisation

- Look beyond JIF and h-index and consider all the roles and output types needed for high-quality research
- Identify potential improvements to the award criteria applied to research proposals
- Consider piloting innovative assessment processes of research proposals
- Consider broadening the pool of reviewers and provide guidance for them towards a more holistic view on assessment
- Join the CoARA WG CoARA Working Group on “Improving practices in the assessment of research proposals”

The European Research Council has changed how it evaluates applicants. Here's why

29 Feb 2024 | News

European Research Council

R&D Funding

R&D Policy

ERC president Maria Leptin outlines the thinking behind the recent move towards less prescriptive application forms for its basic research grants

By Goda Naujokaityte



The European Research Council (ERC) has introduced changes to how it assesses researchers. Photo: European Union

Science | Business plans to roll out a newsletter tailored for research and innovation professionals. This article provides a sneak peek into the kind of information you may expect in the coming weeks, ahead of a full launch this spring.

The European Research Council (ERC) introduced a more inclusive application form for applicants this year to give researchers on all career pathways a fair chance to demonstrate their excellence.

In a new paper, ERC president Maria Leptin outlined the ERC Scientific Council's thinking behind the decision it took last year. After long debate, the Council said it shares, "the concern that current research assessment systems often use inappropriate and narrow methods to assess the quality, performance and impact of research and researchers."

The European Commission kicked off Europe-wide discussions on reforming research impact assessment in 2022. The thinking is that the current methods of assessing researchers are too narrow and rigid. To keep up with the times, the focus on journal publication metrics should be dropped, in favour of achievements that give a more rounded picture.

EU research ministers endorsed the process. On the ground, various science organisations banded together under the Coalition for Advancing Research Assessment (CoARA) and came up with an action plan setting out the main lines for updating assessment systems. More than 500 funding agencies, researchers, universities and organisations signed the agreement, including the ERC.

In line with CoARA's recommendations, the ERC's new rules shifted away from the traditional listing of research posts held and papers published, to a four-page narrative curriculum vitae. The ERC has also changed how it evaluates researchers, placing more emphasis on the project proposal rather than the applicant.

As a representative of an open infrastructure/research-related

- Understand that researchers will contribute to/populate your service as long as they receive academic credit for it
- Consider contributing to shared open databases such as OpenAlex and the OpenAIRE Research Graph and expand their inclusiveness w content that is important for the discipline(s) communities you serve
- Share know-how
- Join the Open infrastructures CoARA WG

The Role of Research Infrastructures in the Research Assessment Reform: A DARIAH Position Paper

Toma Tasovac (1, 2), Laurent Romary (3), Erzsébet Tóth-Czifra (1), Rahel C. Ackermann (4), Daniel Alves (5), Sally Chambers (1), Mike Cosgrave (6), Martine Denoyelle (7), Vicky Garnett (1), Rita Gautschy (8), Edward Gray (1), Vojtěch Malínek (9), Carmen di Meo (10), Andrew Perkis (11), Sanita Reinsone (12), Nanette Rišler-Pipka (13), Andrea Scharnhorst (1), Lorella Viola (14)

[Afficher plus de détails](#)

Search 

LifeWatch ERIC and OpenAIRE join forces for open science - July 31, 2023

Open Science continues to revolutionize research practices, reshaping the way scientists collaborate, publish, and access scientific knowledge. Researchers are now embracing a more comprehensive approach, not only sharing research articles but also all scientific products produced during experiments, including metadata, data, and analytical services. In line with this transformation, LifeWatch ERIC and OpenAIRE have signed a Memorandum of Understanding, committing to sustain and accelerate Open Science initiatives.

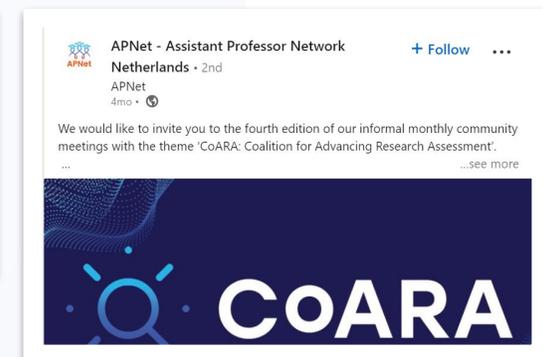
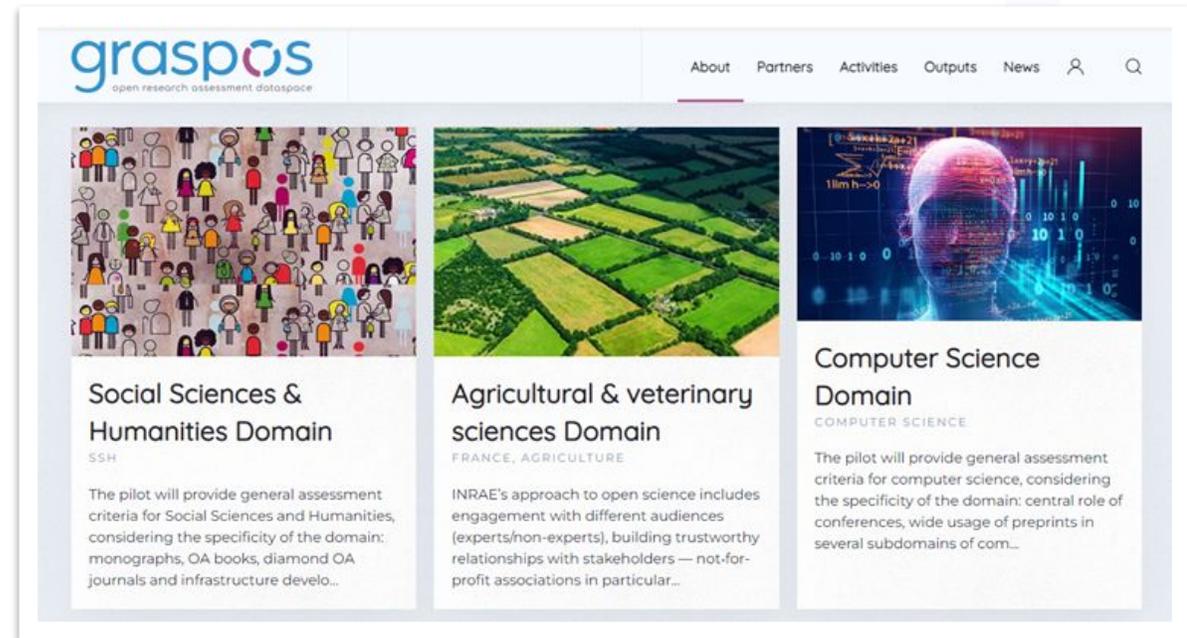
LifeWatch ERIC and OpenAIRE are dedicated to enhancing their Open Science activities by focusing on the FAIR principles (Findable, Accessible, Interoperable, and Reusable) for LifeWatch ERIC research and enriching the OpenAIRE Graph. By working collaboratively on projects within the European Open Science Cloud (EOSC), the OpenAIRE Graph serves as a vital mechanism for aggregating data sources and connecting essential metadata like funding information, data, publications, software, and other unique identifiers (PIDs). Through this strategic collaboration, LifeWatch ERIC and OpenAIRE aim to enhance the overall data quality presented on the EOSC Portal.

OpenAlex, une alternative à Scopus et au Web of Science ?



As a researcher, research support professional or research group

- Follow current proxies but also think about your own values – and voice them
- Consider contributing to solidifying evaluation criteria around born-digital scholarship that is important to your field
- Consider joining CoARA WGs (e.g. the one dedicated to Early Career Researchers) and signing up to the CoARA newsletter to follow the reform



Join and engage!

Useful links:

- [CoARA website](https://coara.eu)
<https://coara.eu>
- [The governance documents](#)
- [The Agreement full text](#)
- [Sign the Agreement](#)
- [CoARA News](#)
- [FAQ](#)

Follow us!

  [@CoARAssessment](#)

 [Coalition for Advancing
Research Assessment](#)



CoARA Membership Newsletter – Sign Up

A question?

Contact us at secretariat@coara.eu



FAIR-IMPACT

Expanding FAIR solutions across EOSC

FAIR Implementation Workshop : Responsible METRICS AND INDICATORS

Katarzyna Anna Nawrot, 14 May 2024
Poznań University of Economics and Business
& Polish Academy of Sciences

Outline for today

- Introduction
- Working groups of CoARA
- Responsible metrics and indicators WG presentations
- Actions taken
- Steps forward
- Insights for using metrics and indicators
- Q&A
- Discussion

Working groups CoARA, April 2024



Towards Open Infrastructures for Responsible Research Assessment



Multilingualism and language biases in research assessment



Recognizing and Rewarding Peer Review



Experiments in Assessment – Idea generation, co-creation, and piloting



Reforming Academic Career Assessment



1st WGs Co-Chair meeting 17 November 2023



Improving practices in the assessment of research proposals



Towards Transformations: Transdisciplinarity, Applied/Practice-Based Research, and Impacts



Supporting the alignment of research assessment systems with CoARA in biomedical disciplines through administrative reforms and governance



Early-and-mid-Career Researchers (EMCRs) – Assessment and Research Culture



Global framework for research evaluation in the social sciences and the humanities (SSH)



TIER – Towards an Inclusive Evaluation of Research



Ethics and Research Integrity Policy in Responsible Research Assessment for Data and Artificial Intelligence (ERIP)



Responsible metrics and indicators

Responsible METRICS AND INDICATORS WORKING GROUP

- **Interest communities**
- Discipline communities
- Institution communities

Responsible METRICS AND INDICATORS WORKING GROUP

Working Group Steering Committee:

- **Prof. Katarzyna Anna Nawrot, Poznań University of Economics and Business, Poland (Co-Chair)**
- **Prof. Felix Schönbrodt, German Psychological Society, Germany (Co-Chair)**
- **Dr. Rachel Heyard, Swiss Reproducibility Network, Switzerland**
- **Prof. Davide Crepaldi, Italian Reproducibility Network, Italy**

Responsible METRICS AND INDICATORS: 18 Founding organizations

- 3 research institutes
- 3 national
Reproducibility Networks
- 4 academic societies
- 8 universities

- German Psychological Society (Germany)
- Leibniz Association: IWM Institut für Wissensmedien (Germany)
- Leibniz Association: Leibniz Institute for Psychology, ZPID (Germany)
- BIH / Charité Berlin (Germany)
- Swiss Reproducibility Network (Switzerland)
- Italian Reproducibility Network (Italy)
- Università di Pisa (Italy)
- Roma Tre University, Department of Science (Italy)
- Aix-Marseille University (France)
- Université Côte d'Azur (France)
- Swedish Reproducibility Network (Sweden)
- Tbilisi Medical Academy (Georgia)
- Sociedad Científica de Bibliometría y Cienciometría (Peru)
- International Consortium of Research Staff Associations (Global)
- Molde University College (Norway)
- Poznan University of Economics and Business (Poland)
- University of Cyprus (Cyprus)
- Vrije Universiteit Brussel (Belgium)

- Aalto University
- Aix-Marseille University (France)
- Basque Centre for Climate Change (BC3)
- BIH / Charité Berlin (Germany)
- Center for Reproducible Science, University of Zurich
- CERN - European Organization for Nuclear Research (Europe)
- CWTS of Leiden University;
- ETH Library
- ETHZ, Eidgenössische Technische Hochschule Zürich,
- FNR Luxembourg
- German Psychological Society (Germany)
- IMT School for Advanced Studies Lucca
- International Consortium of Research Staff Associations
- International Consortium of Research Staff Associations (Global)
- International School for Advanced Studies (SISSA)
- Italian Institute of Technology
- Italian Institute of Technology
- Italian Institute of Technology (Italy)

- Ministry of Education, Science and Sport of the Republic of Lithuania
- Molde University College (Norway)
- OPERAS Research Infrastructure
- Petre Shotadze Tbilisi Medical Academy, Georgia
- Poznan University of Economics and Business (Poland)
- Research Council of Norway
- Roma Tre University, Department of Science (Italy)
- RUDN University
- Sociedad Científica de Bibliometría y Cienciometría, Peru
- Swedish Reproducibility Network (Sweden)
- Swiss Reproducibility Network (Switzerland)
- Tbilisi Medical Academy (Georgia)
- TSV, Federation of Finnish Learned Societies
- TU Dresden
- UAS4EUROPE
- Universidad Nacional de Colombia
- Università di Pisa (Italy)
- Université Côte d'Azur, France

- Italian Reproducibility Network (IRN)

- Université de Franche-Comté

- University Health Network (UHN)

Responsible METRICS AND INDICATORS

- **Brief description of Working Group**
- Working Group's mission, in a nutshell

*“We do not always use indicators –
but when we do, they need to be
valid, reproducible, efficient
and
non-proprietary”.*

Responsible METRICS AND INDICATORS WORKING GROUP

- **Brief description of Working Group**
 - Working Group's objectives in a nutshell
 - review of the metrics and indicators used in working group participating institutions,
 - critical evaluation of the metrics and indicators used, and select/develop new valid indicators,
 - deepening the understanding of the determinants of using particular metrics and indicators regarding research assessment,
 - providing recommendations for advancing research assessment,
 - disseminate in CoARA and beyond

Responsible METRICS AND INDICATORS

- ☐ Actions taken and issues to be addressed
 - **Stage 1: Assessing the status quo: Which indicators are currently employed?**
 - → Survey in development
 - **Stage 2: Critical evaluation of the indicators and recommendations.**
 - → Develop guiding questions and recommendations (2a) *when* to use indicators (and when not), and (2b) *how to integrate* their usage with qualitative modes of assessment
- ☐ Steps forward
 - **Stage 3: Strategic plan for dissemination of recommendations.**

Insights for using metrics and indicators

- Dimensions for using metrics and indicators
 - Academic promotion (PhD, DSc); Job promotion or higher payment level; Awards and rewards; Funding decisions; General performance evaluation,
 - Researchers (i.e. individual researchers => persons; larger groups of researchers => teams),
 - Research outputs (i.e. papers, data sets, projects),
 - Institutions (entire *institutions* or large subunits => departments, universities).

Insights for using metrics and indicators

- Metrics and indicators used
 - Impact factor
 - Rankings of journals
 - Prestige of journals
 - Hirsch index
 - Scopus and WoS indicators
 - Open access

What latent dimension of research indicators are supposed to measure?

- methodological rigor,
- scientific impact,
- societal impact,
- productivity,
- quality,
- quantity.

Who provides/assesses the indicators? What is the data source?

- institutions measures the indicator themselves, based on openly available information,
- underlying information for the indicator is openly available, but prepared by a service provider,
- the information is not openly available, we buy it from a commercial company,
- national law.

Insights for using metrics and indicators

- How to decide ?
 - ❑ Unit of evaluation, level of evaluation, formal/informal distinction
 - ❑ Differentiation across disciplines
 - ❑ Differentiation across the countries and levels/units of evaluation
- Strategic plan for dissemination of recommendations.
 - ❑ *integrative framework of indicator-based and qualitative research assessment* => indicators menu and compass of their useage

Responsible METRICS AND INDICATORS WG

- **Want to become a member?**

- Members** of the WG are CoARA members (i.e., institutions), represented by a concrete person.

- Experts** of the WG are individual persons who are experts in the field, but are not officially representing a CoARA member. The WG can (proactively) contact them for consultation.

- Friends** of the WG are generally interested persons who want to simply stay informed.

- **How to get in contact?**

 Get in touch:

<https://github.com/rachelHey/metricsWG>



Discussion and Questions



Introduction of Thematic Mentors

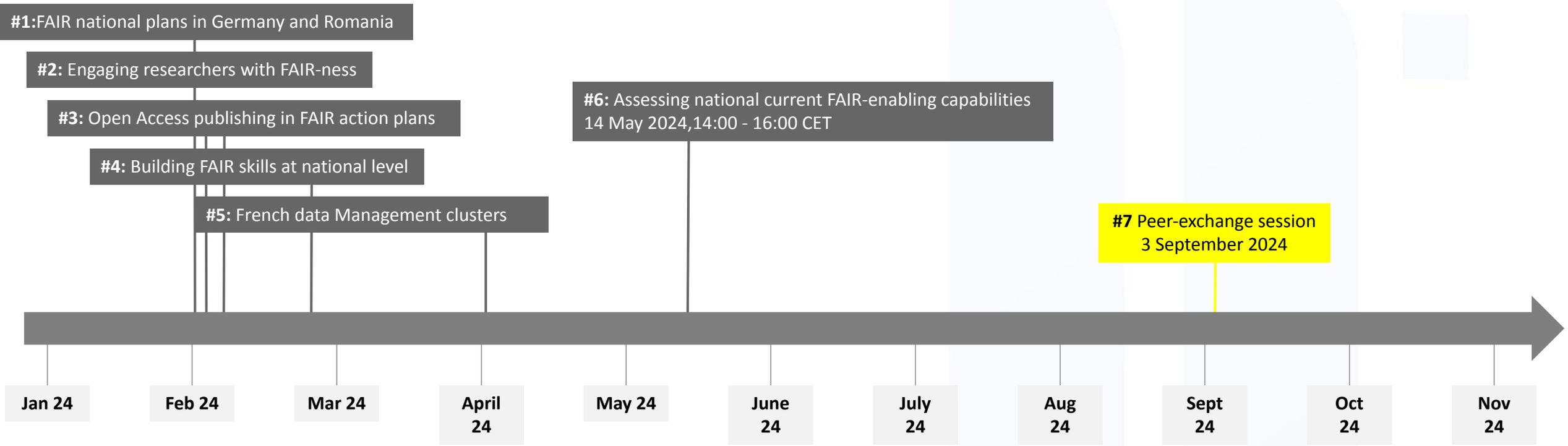


Joy DAVIDSON
Associate Director of
Digital Curation Centre (DCC)



Sandra BOERMAN
Project Manager at the
Danish e-Infrastructure Consortium

Next steps



Thank you!



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