



# A reflection on openness- rewarding metrics

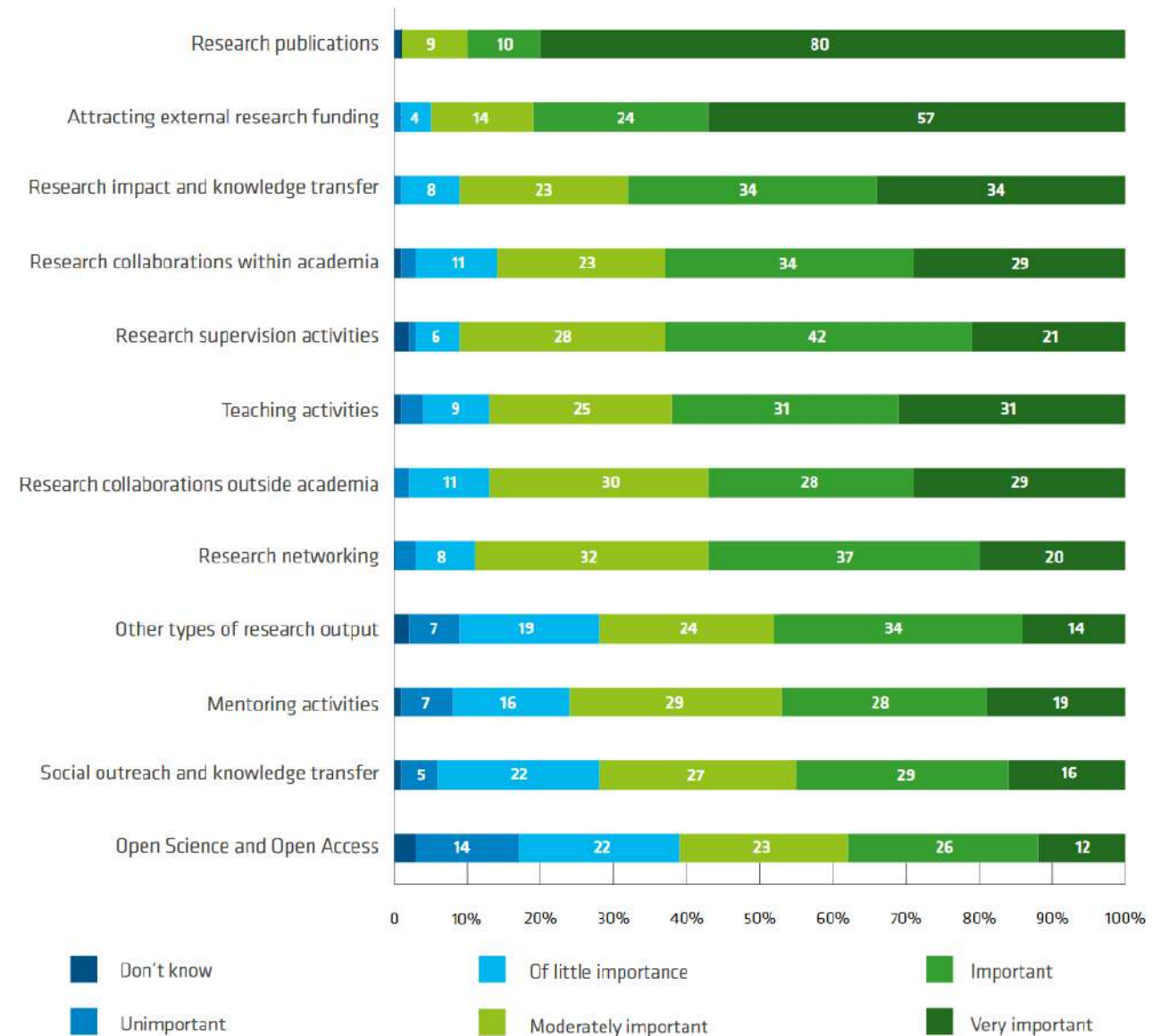
Changing publication practices – From predatory to Plan S

Brussels, Feb. 21, 2020



# Which types of academic work matter most for research careers?

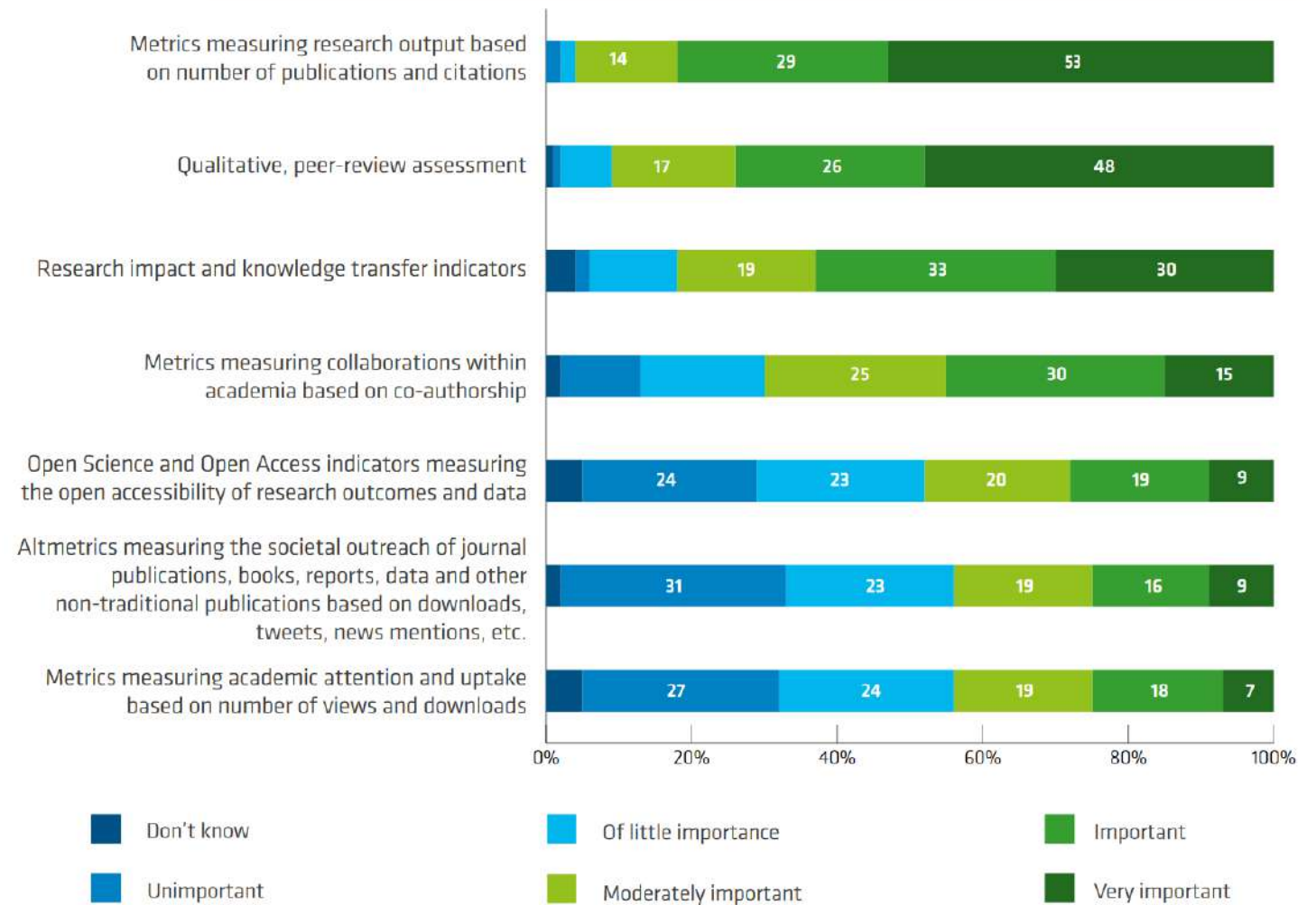
**Figure 9** – Importance of academic activities for research careers  
Based on survey question 7, ranking question (cf. Annex 1). Number of respondents: 191-195/197



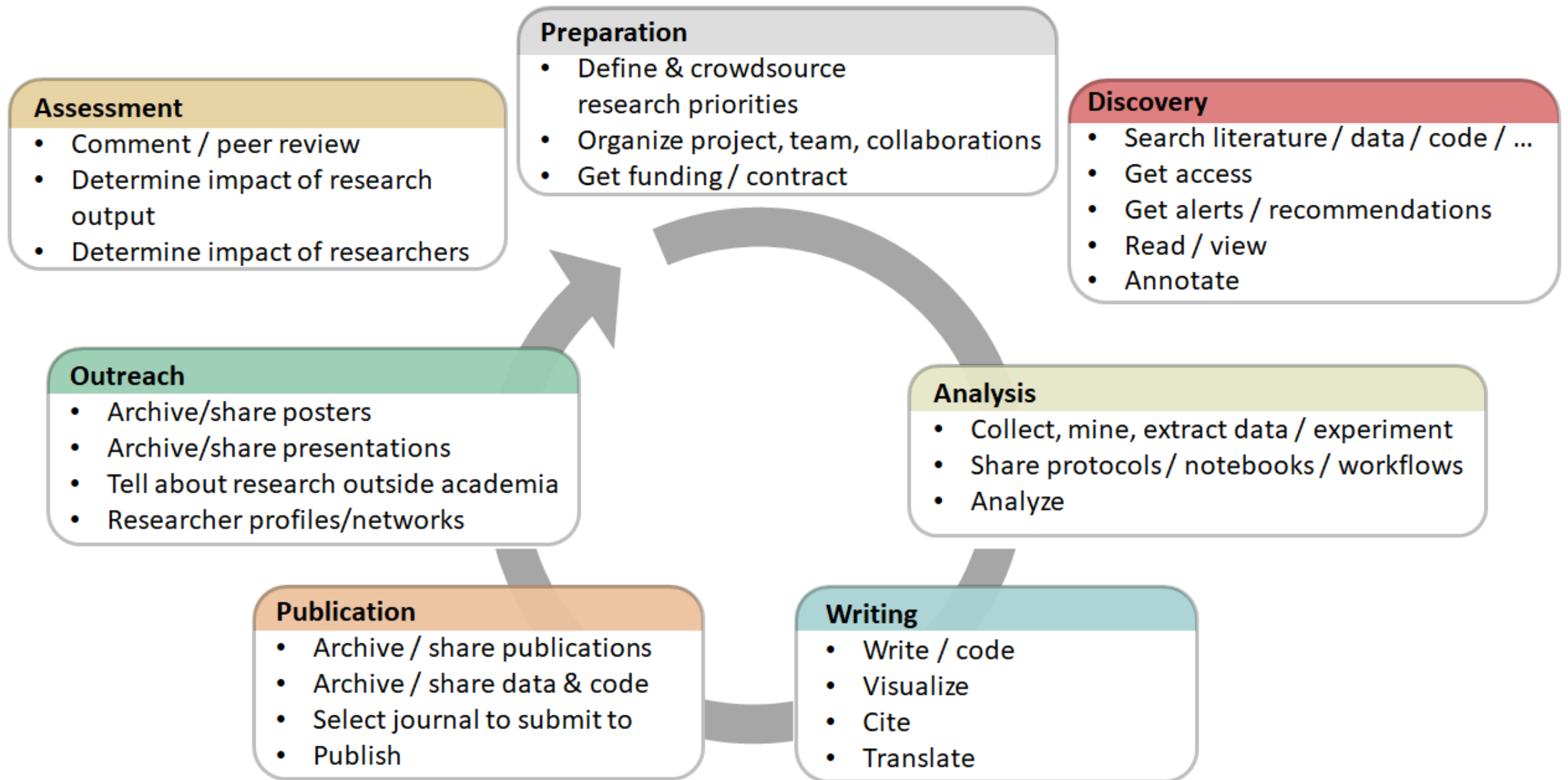
<https://eua.eu/downloads/publications/research%20assessment%20in%20the%20transition%20to%20open%20science.pdf>

# How is academic work evaluated for the purpose of research careers?

**Figure 10** – Evaluation of academic activities for research careers  
Based on survey question 8, ranking question (cf. Annex 1). Number of respondents: 194-195/197



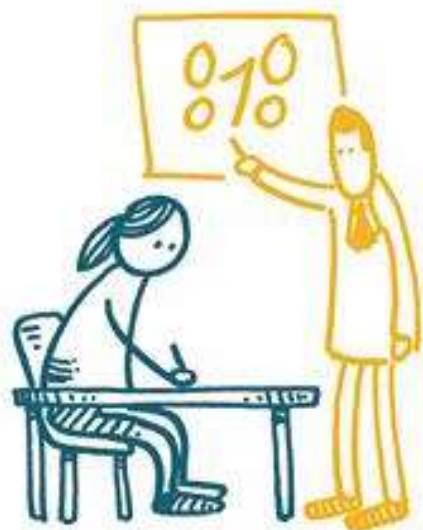
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# 4 FUNDAMENTAL RULES OF OPEN SCIENCE



# EVERYONE ON THE ROAD TO OPEN SCIENCE



OPEN DATA

OPEN ACCESS



OPEN EDUCATIONAL RESOURCES



CITIZEN SCIENCE



OPEN SOURCE



# Meaningful Assessment Improves Research

- Promotes value of all scholarly outputs
  - Journal articles
  - Preprints
  - Datasets
  - Software
  - Protocols
  - Research materials
  - Well-trained researchers
  - Societal outcomes and policy changes
- Focuses on the merits of the work
  - Reduces JIF-chasing
  - Facilitates Open Science practices
  - Improves rigor and reproducibility
  - Enhances collaboration





# RRI is about: including all actors, and considering specific key issues and process dimensions



# Allea European Code of Conduct for Research Integrity 2017

Good research practices are based on fundamental principles:

- **Reliability** in ensuring the quality of research, reflected in the design, the methodology, the analysis and the use of resources.
- **Honesty** in developing, undertaking, reviewing, reporting and communicating research in a transparent, fair, full and unbiased way.
- **Respect** for colleagues, research participants, society, ecosystems, cultural heritage and the environment.
- **Accountability** for the research from idea to publication, for its management and organisation, for training, supervision and mentoring, and for its wider impacts.

[https://ec.europa.eu/research/participants/data/ref/h2020/other/hi/h2020-ethics\\_code-of-conduct\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/other/hi/h2020-ethics_code-of-conduct_en.pdf)



# The Hong Kong Principles for Assessing Researchers: Fostering Research Integrity in 2019

- assess responsible research practices
- value complete reporting
- reward the practice of open science
- acknowledge a broad range of research activities
- recognise essential other tasks like peer review and mentoring



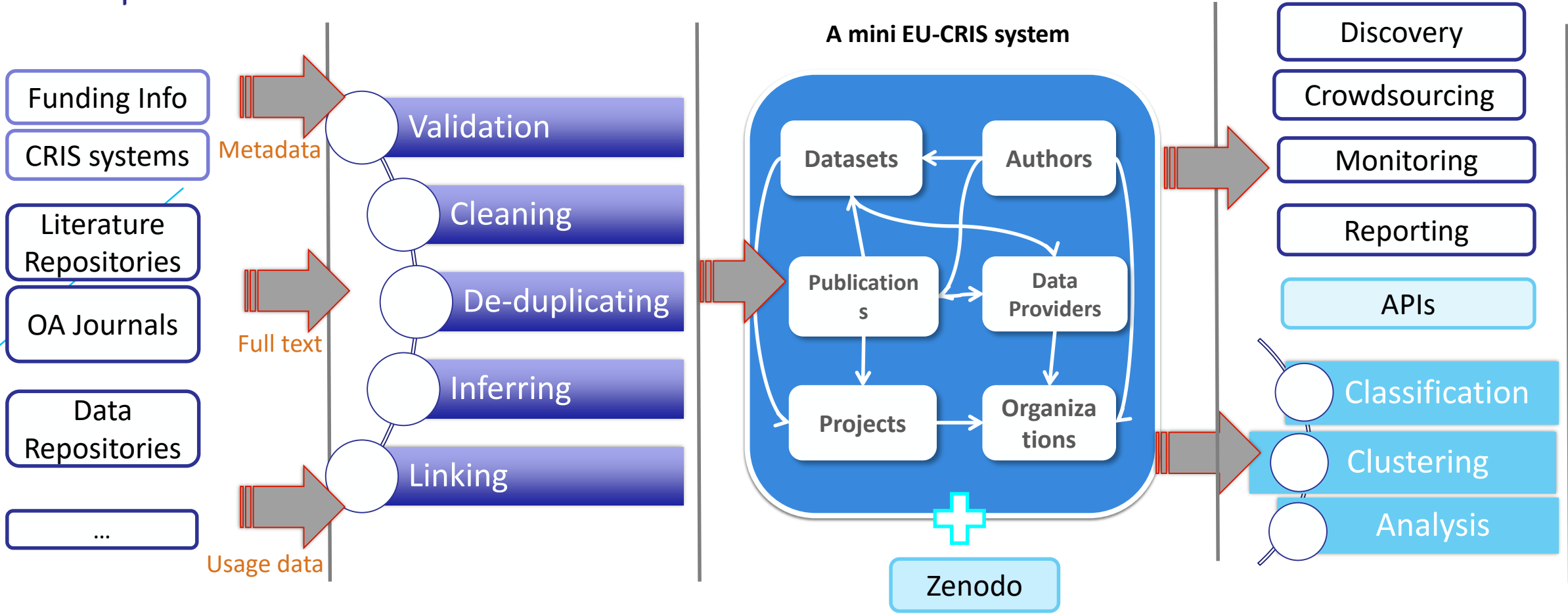
# Indicator Frameworks for Fostering Open Knowledge Practices in Science and Scholarship 2019

“Perhaps even more important is the lack of rewards for the diverse range of tasks in a researcher’s professional portfolio. “

Report of the Expert Group on Indicators for Researchers' Engagement with Open Science

<https://op.europa.eu/en/publication-detail/-/publication/b69944d4-01f3-11ea-8c1f-01aa75ed71a1/language-en/format-PDF/source-108756824>

# OpenAIRE as infrastructure



Data Providers

OpenAIRE Platform

Services



**Infrastructures**

**Software Repositories**

**ScholComm Registries**

**Repositories + OJs**

**Funders**

**Patents**

**Thematic Repositories**

**Hybrid Repositories**

**Aggregators**

**Publishers**

# Future developments



Excellent science =  
open, transparent science



# Inge Van Nieuwerburgh

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# References

- ALLEA The European Code of Conduct for Research Integrity: <https://allea.org/allea-publishes-revised-edition-european-code-conduct-research-integrity/> , accessed 20 Feb. 2020
- EUA Research Assessment in the Transition to Open Science: <https://eua.eu/downloads/publications/research%20assessment%20in%20the%20transition%20to%20open%20science.pdf>, accessed 20 Feb. 2020
- The Hong Kong Principles for Assessing Researchers: Fostering Research Integrity: <https://osf.io/m9abx/> , accessed 20 Feb. 2020
- San Francisco Declaration on Research Assessment: <https://sfdora.org/read/> , accessed 20 Feb. 2020
- Indicator Frameworks for Fostering Open Knowledge Practices in Science and Scholarship: <https://op.europa.eu/en/publication-detail/-/publication/b69944d4-01f3-11ea-8c1f-01aa75ed71a1/language-en/format-PDF/source-108756824> , accessed 20 Feb. 2020