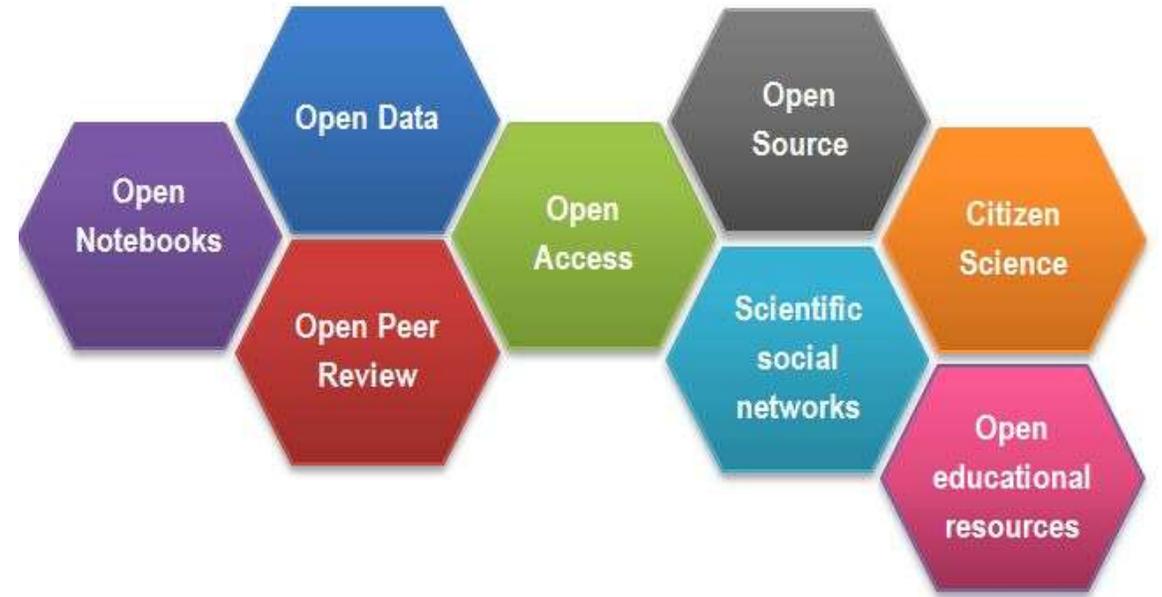
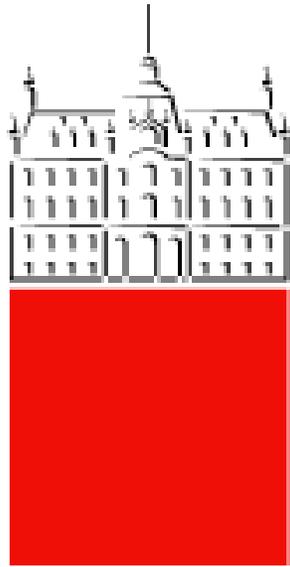


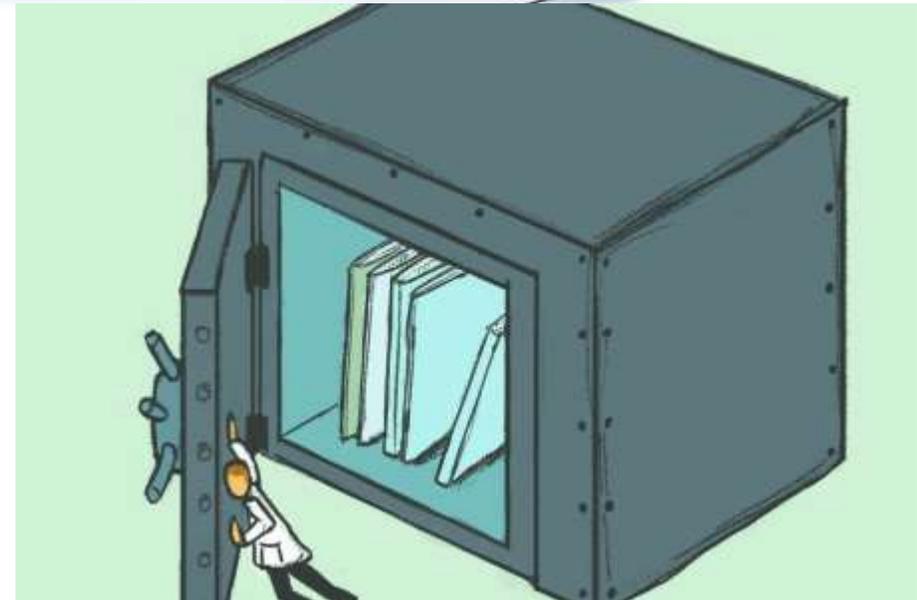
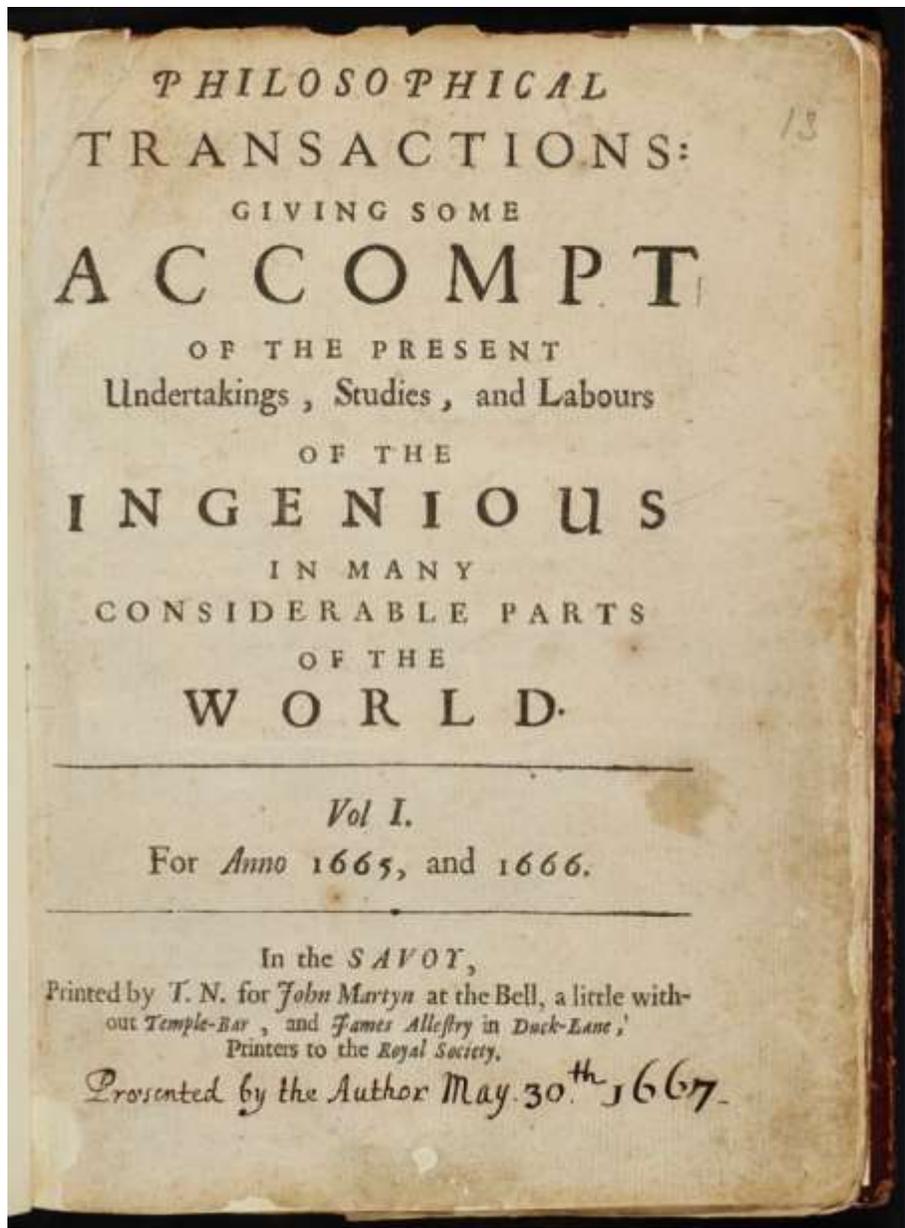
# Univerza v Ljubljani



## FAIR and open DATA for research assessment

Prof. dr. Gregor Majdič

University of Ljubljana



Open  
Access



DOAJ DIRECTORY OF  
OPEN ACCESS  
JOURNALS



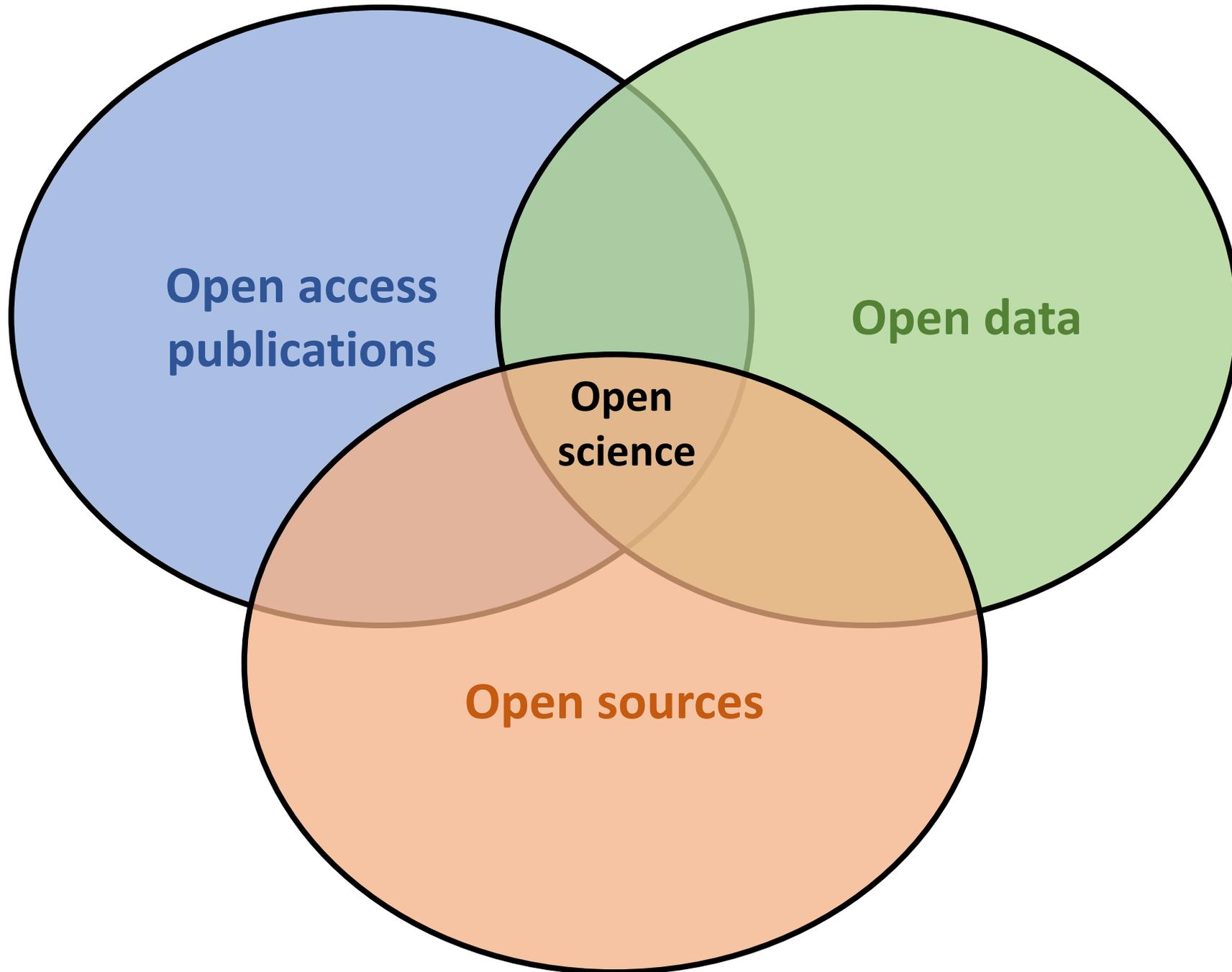
NEWS · 24 NOVEMBER 2020

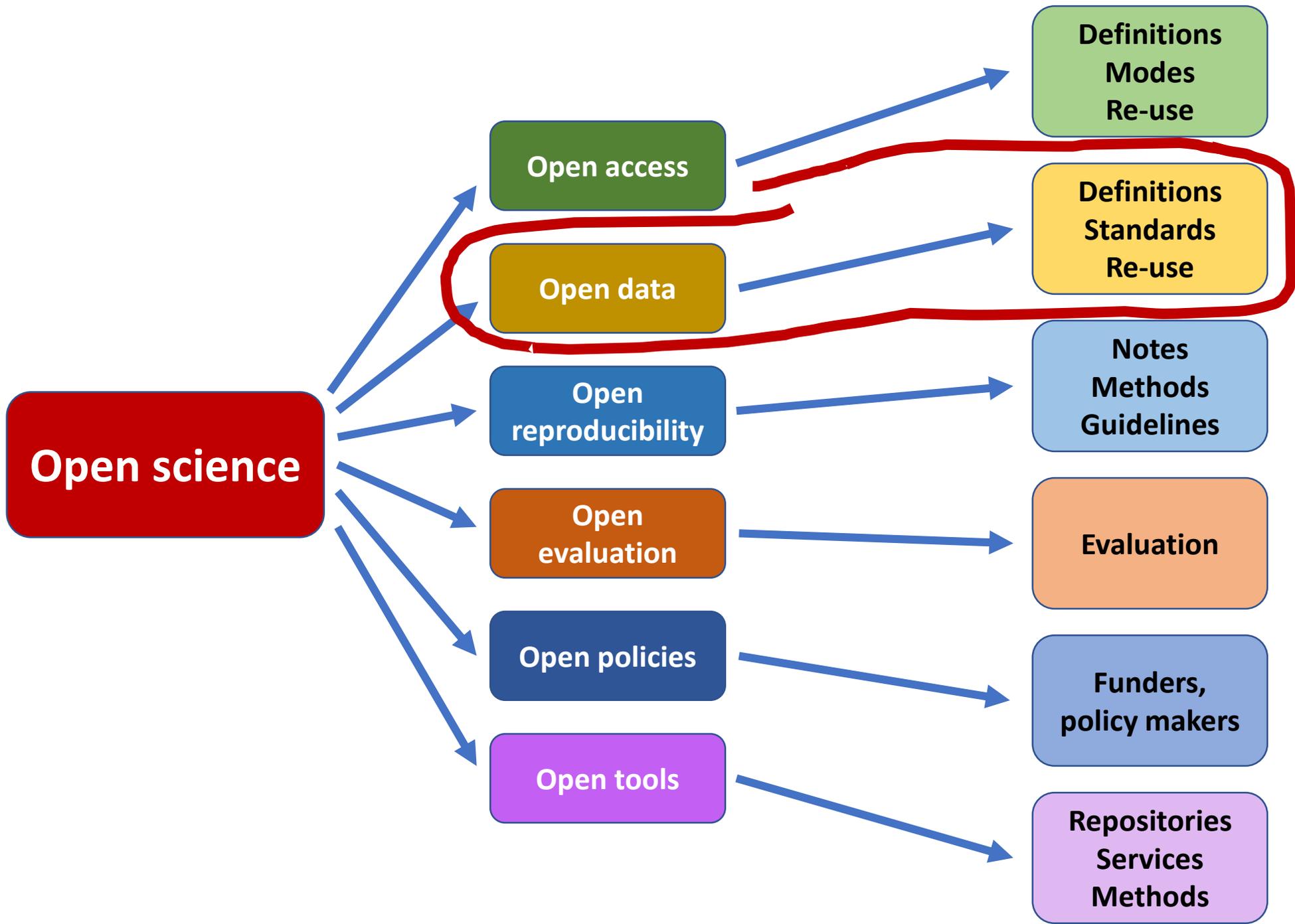
# Nature journals reveal terms of landmark open-access option

The journals will charge authors up to €9,500 to make research papers free to read, in a long-awaited alternative to subscription-only publishing.

Holly Else

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## Reasons to share data:

- Advancing general knowledge
- Spreading knowledge
- Incentivising researchers to produce high quality data
- Promoting collaborations

## Reasons to use shared data:

- Access to unique data
- Producing new results
- Promoting collaborations
- Better planning of research
- Ability to perform meta-analyses

To share or  
not to share?

## Reasons not to share data:

- Too much effort to prepare the data
- Inappropriate use of shared data
- Data protection (IP or personal sensitive issues)
- Fear of losing control over data

## Reasons not to use shared data:

- Concerns about the origin and quality
- Intellectual property concerns
- Difficult interpretation of large data-sets
- Differences in local legislations



# Horizon Europe, national open science strategies

Open access publications  
AND  
Open research data

**As open as possible, as  
closed as necessary**

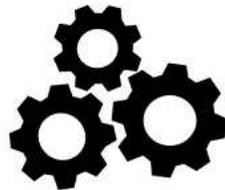
F  
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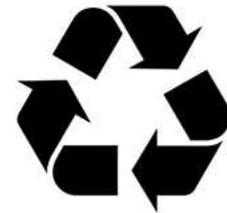
A  
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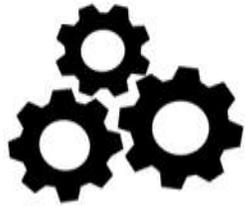


F  
Findable

A  
Accessible

I  
Interoperable

R  
Reusable



**Findable:**

- Descriptive metadata
- Easy browsing

**Accessible:**

- What?
- How?

**Interoperable:**

- Uniform standards
- Input
- Storage

**Reusable:**

- Rights
- Licenses

# Reform of research assessment



**nature** International weekly journal of science   [Advanced search](#)

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## Bibliometrics: The Leiden Manifesto for research metrics

[Diana Hicks](#), [Paul Wouters](#), [Ludo Waltman](#), [Sarah de Rijcke](#) & [Ismael Rafols](#)

22 April 2015

Use these ten principles to guide research evaluation, urge Diana Hicks, Paul Wouters and colleagues.

[PDF](#) [Rights & Permissions](#)

Subject terms: [Careers](#) • [Research management](#) • [Publishing](#)

An illustration of the bronze statue 'The Thinker' by Auguste Rodin. The figure is seated on a rock, leaning forward in deep thought. A hand from above holds a scale of justice, with one pan resting on the figure's head. The background is a light blue sky with white clouds. In the bottom right corner, there is a small credit: "Illustration by David Parkins".

# AGREEMENT ON REFORMING RESEARCH ASSESSMENT

20 July 2022

*"'Publish or perish' and metrics have led us into a blind alley. Let's start recognising the full breadth of value created by researchers."*

MARC SCHILTZ,  
President of Science Europe



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EDITORIAL | 27 July 2022

## Support Europe's bold vision for responsible research assessment

There have been many initiatives to combat the distorting effect of research assessment exercises. The latest looks like it might work



# Reform of research assessment

## Qualitative assessment of work

- Including openness of research results

## Impact of research

- Beyond counting publications and citations

## Responsible use of metrics

- Judging the work by content, not by impact factor of the journal

# Openness of research results

Not counting open access publications – this should be norm, not incentive

Openness of the data

Sharing the data

# FAIR and research assessment

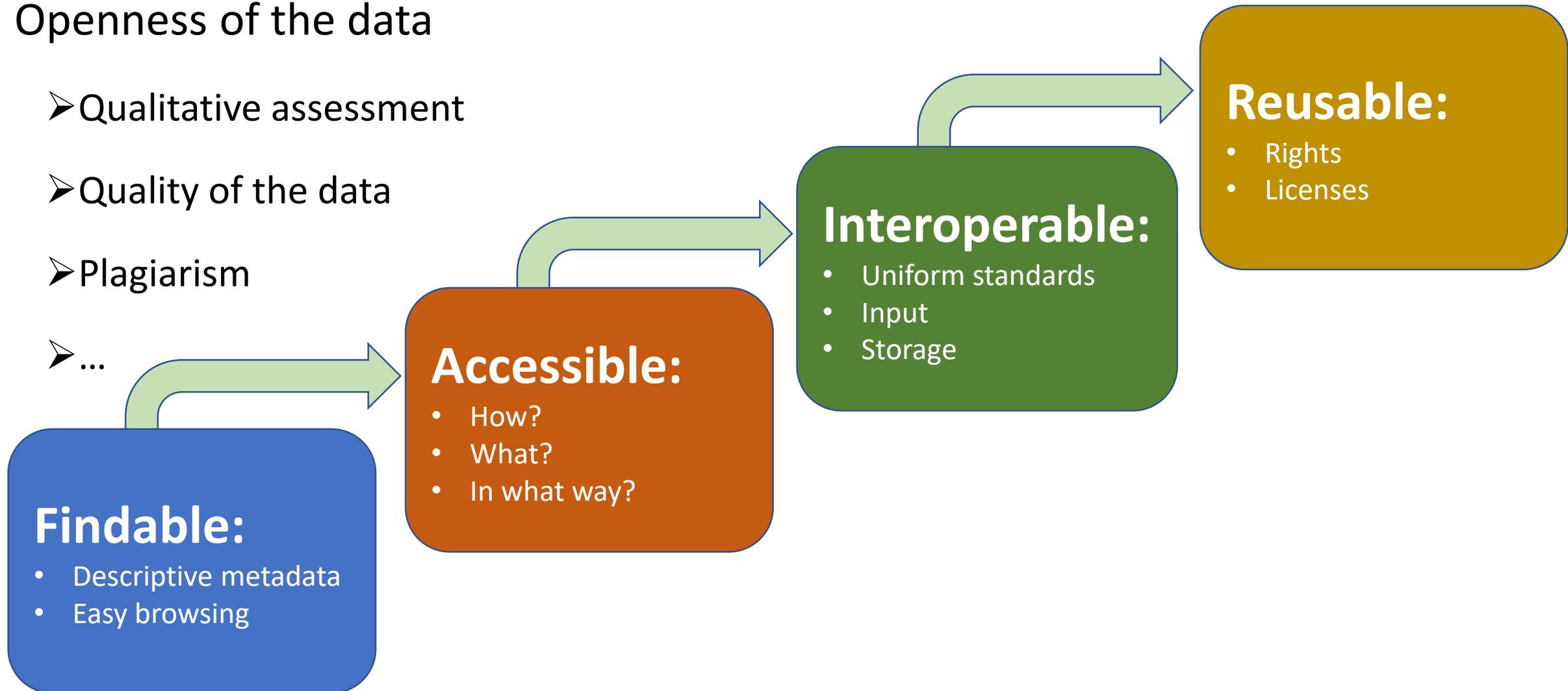
- Openness of the data

- Qualitative assessment

- Quality of the data

- Plagiarism

- ...



# Open data

## Open data

- Easy access
- Uniform storage
- Uniform presentation

## Challenges

- Data management
- Data storage
- Data stewards

Fair and  
transparent  
research  
assessment!

