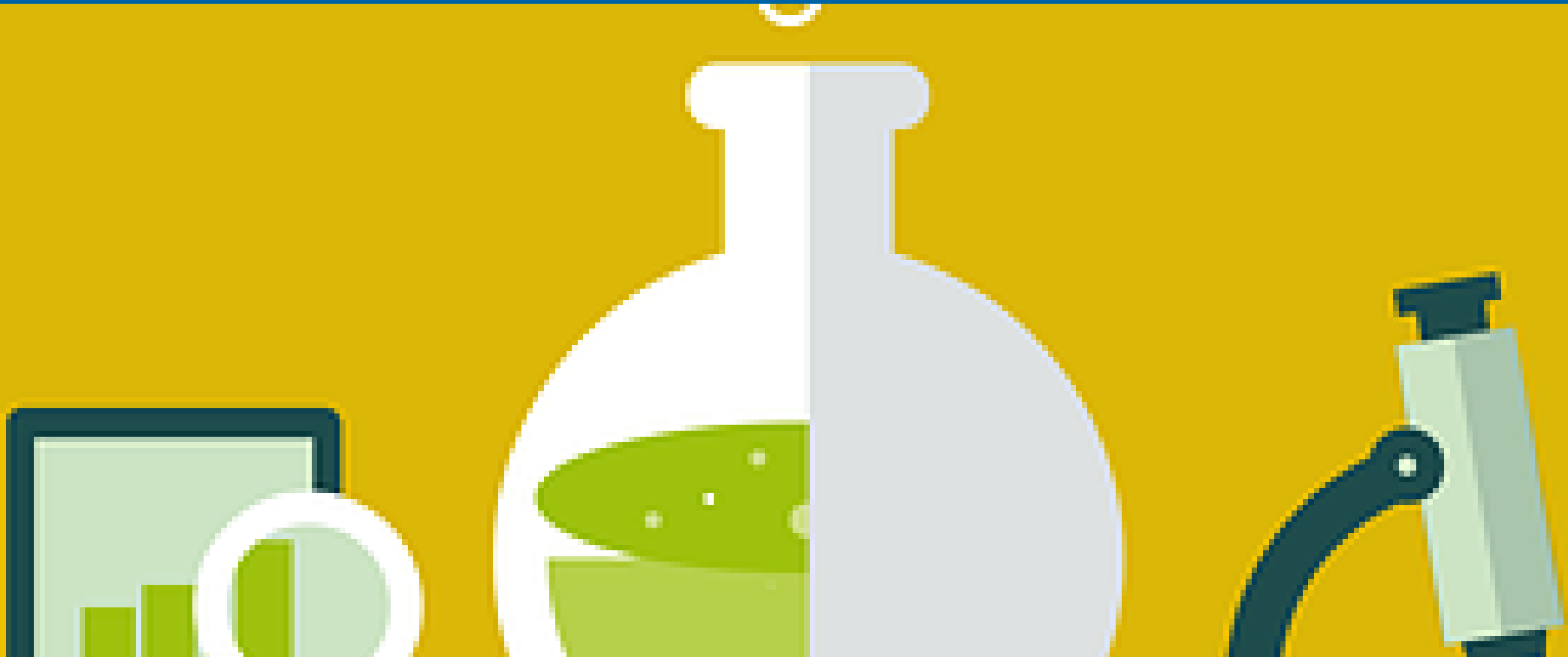


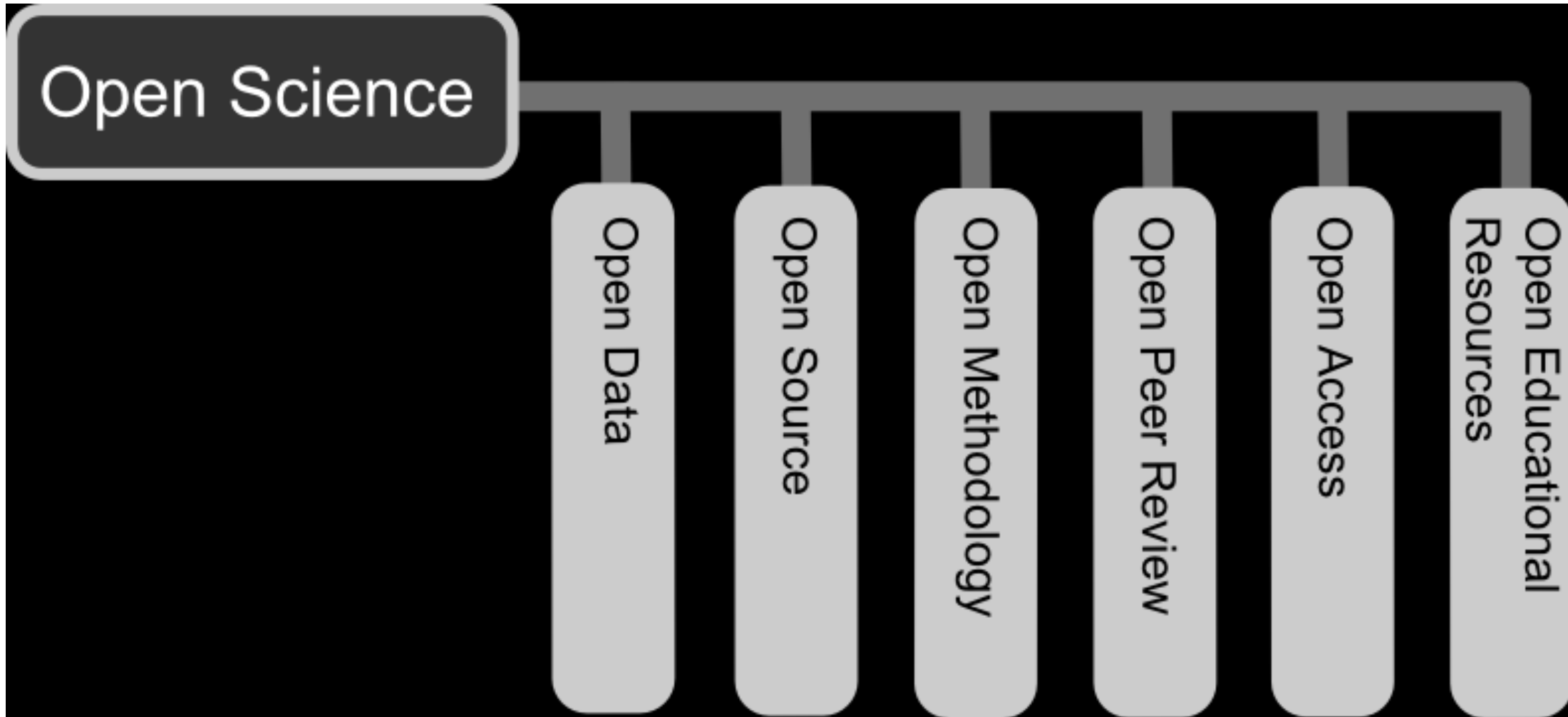
Open Access as a key contribution to Open Science

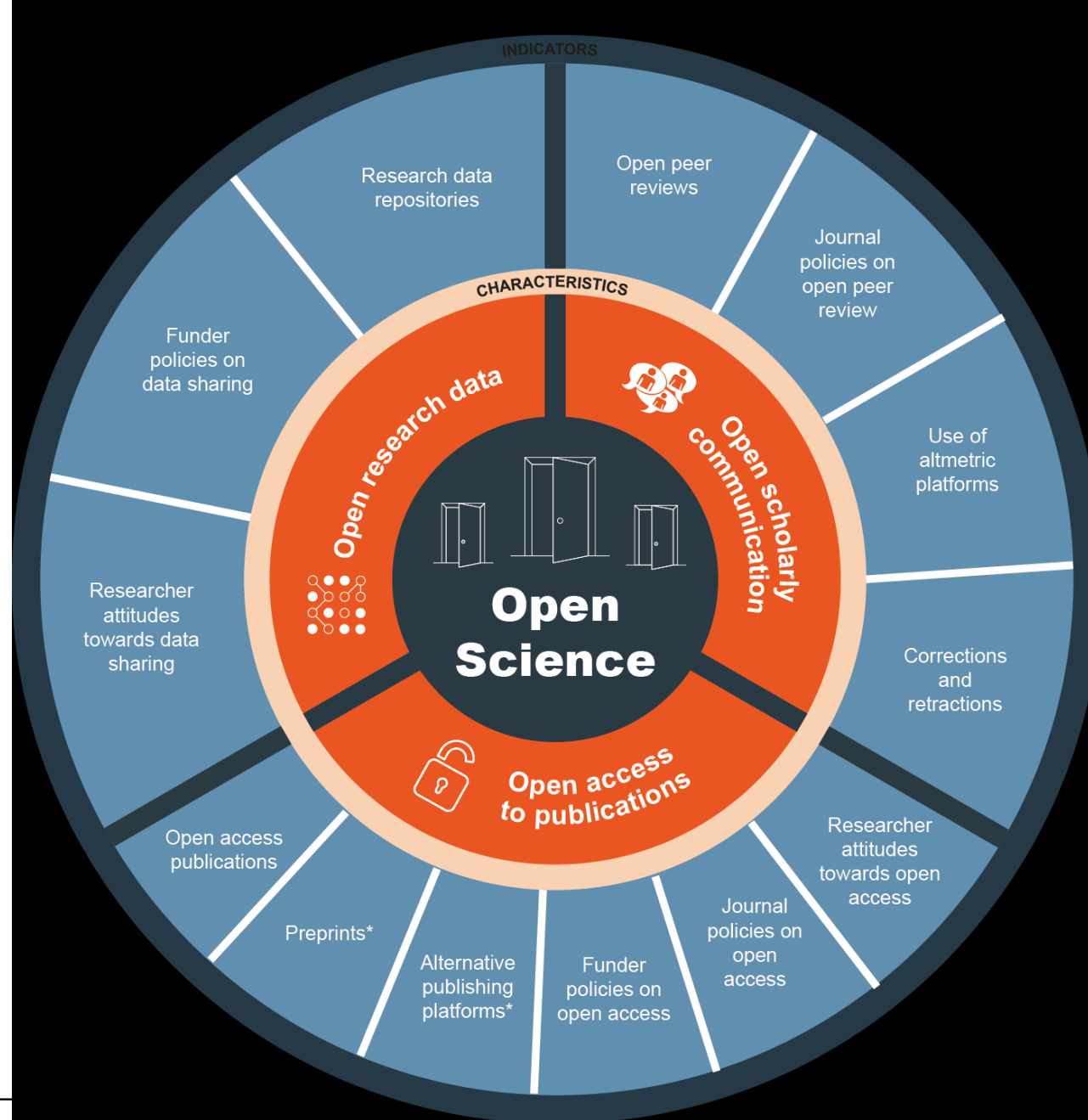
Susanne Blumesberger (Vienna University Library)



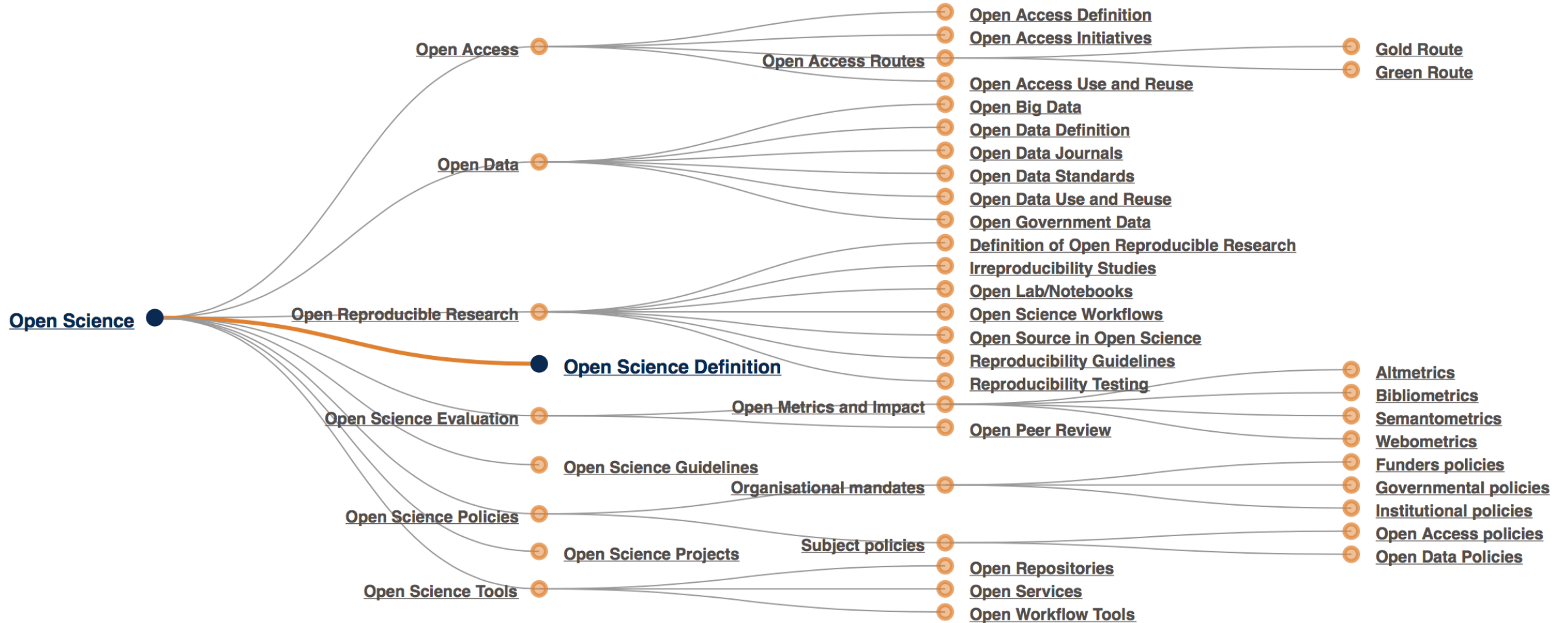
The many facets of Open Science







<https://www.ffg.at/euroropa/openscience>



<https://www.openaire.eu/what-is-open-science>

The benefits of Open Science



Benefits of Open Science



Researchers

- greater visibility & reach
- increased efficiency
- funding
- collaboration/networking



Funders

- increased visibility & reuse of funded research
- greater funding impact
- greater ROI



General Public

- faster knowledge transfer
- increased understanding and expertise
- promoting engagement in science & research



Organisations/ NGOs

- enhanced access to research
- more effective advocacy/lobbying



National Governments

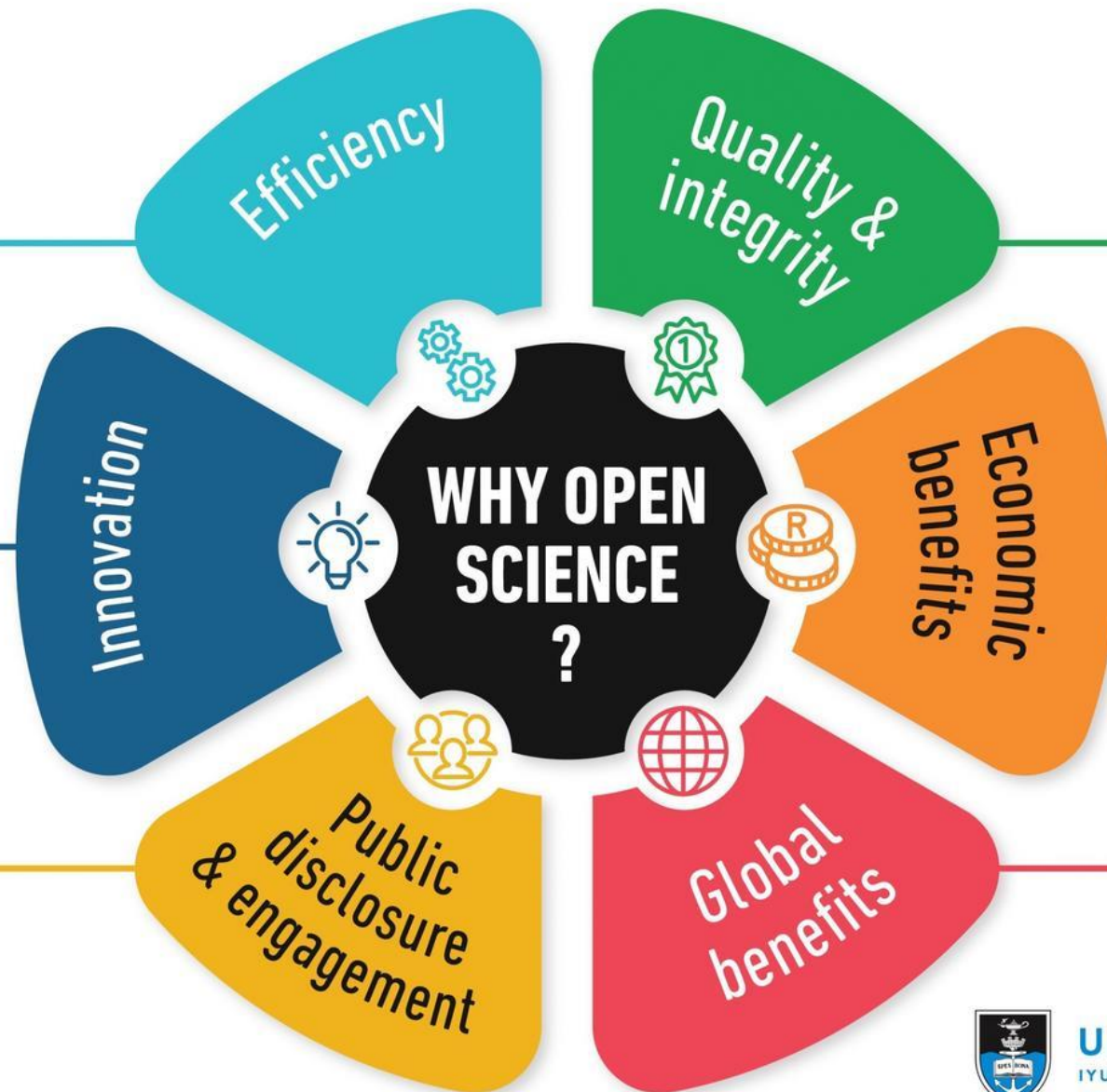
- evidence-informed policy
- promoting Human Rights and democracy

<https://www.openaire.eu/what-is-open-science>

Greater access to scientific inputs and outputs can increase scientific productivity through reducing duplication, allowing **more research from the same data** and multiplying opportunities for domestic and global participation in the research process.

Open science can **reduce delays in the re-use of scientific research** including articles and data, and promote a swifter path from research to innovation to produce new products and services.

Science, often publicly funded, should be publicly accessible to **promote a greater awareness** among citizens and to build public trust and support for public policies and investments in research. Open science also promotes citizen science in experiments and data collection.



Open access to scientific outputs allow for **greater evaluation and scrutiny** by the scientific community which means more accurate replication and validation of research results. Openness to data contributes to maintain science's self-correction principle.

Science plays a key role in today's knowledge economies and increased access to research results, including data, can positive impact not only scientific systems but also innovation.

Open science promotes collaborative efforts and faster knowledge transfer for a better understanding of global challenges and wicked problems.



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GRAPHICS BY GAELÉN PINNOCK

Open Access



Open Access

The Budapest Open Access Initiative (BOAI) Declaration of 14 February 2002 defines open access (OA) to scientific and scholarly literature as its "free availability on the public internet permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself.

Open Access – not only for publications

The aim of OA is to make scientific and scholarly literature **and materials** freely accessible to all internet users - that is, to make them accessible online free of charge and as free of technical and legal barriers as possible. (<https://open-access.net/en/information-on-open-access/what-is-open-access>)



The Berlin Declaration explicitly addresses **cultural assets** in archives, libraries and museums. They, too, should be accessible free of charge and re-usable according to the same principles as scientific literature.



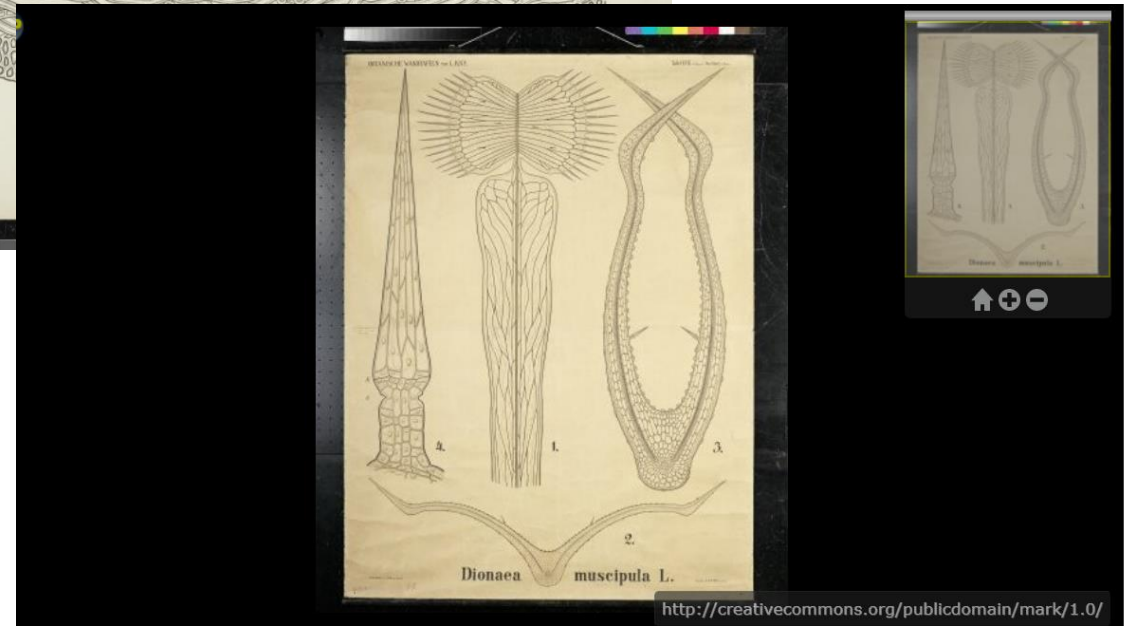
Open
Access



Open Access Collection

PHAIDRA supports the Open Access Policy of the University of Vienna. The Open Access Collection contains freely available texts, pictures, videos and audio files.

[Collection]



<http://creativecommons.org/publicdomain/mark/1.0/>

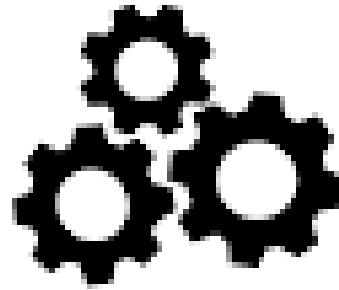
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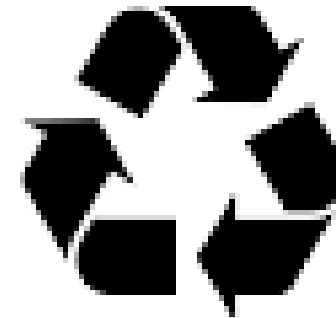
A
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I
nteroperable



R
eusable



As Open as Possible, as Closed as Necessary



Accessibility

- The systems (repositories, catalogues, tools...)
- Descriptions (guidelines, help texts, ...)
- Content (subtitling of videos, image descriptions...)



Are there any questions?

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