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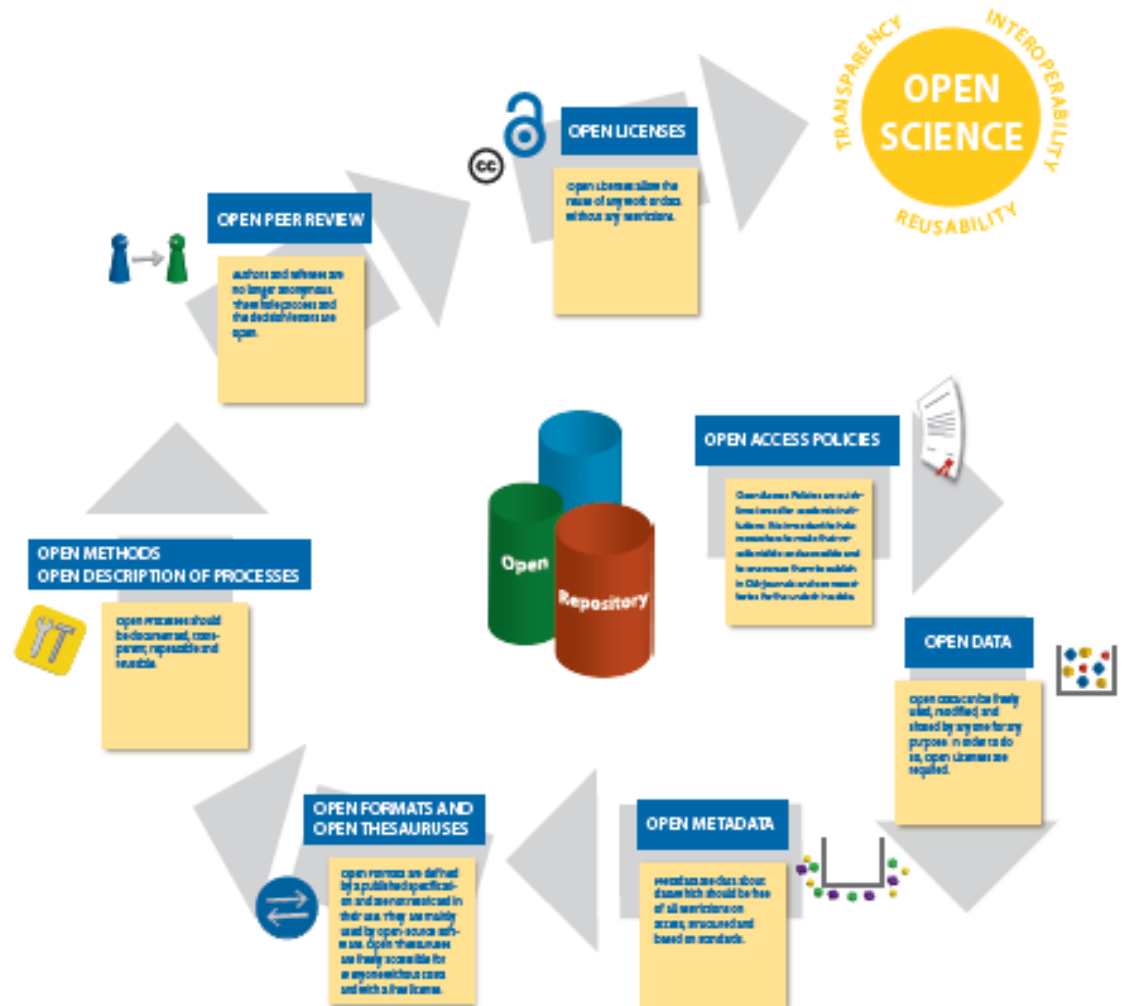
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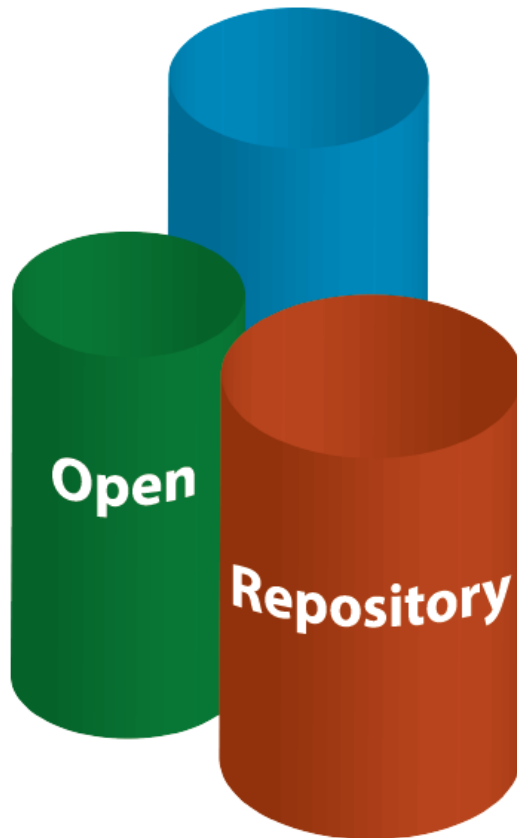
Ways to Open Science Open Research Infrastructures and the role of repositories

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WAYS TO OPEN SCIENCE

OPEN RESEARCH INFRASTRUCTURES AND THE ROLE OF REPOSITORIES





Properties of an Open Access Repository

- Open Source
- Open Access to the Repository
- Open to all formats
- Open for all disciplines



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OPEN ACCESS POLICIES

- Guidelines from academic institutions
- Support for researchers
- Scientific results are more visible and accessible
- Help for researchers to publish in OA-Journals
- Give them the possibility to archive their research data in repositories



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OPEN DATA

Can be freely used, modified and shared by anyone for any purpose

Open Licences are required



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OPEN METADATA

Metadata is an information about information, that helps to find the data, to describe them and make them accessible

Open metadata should be

- based on standards
- structured and
- free of all restrictions



OPEN FORMATS AND OPEN THESAURUSES

Open Formats are

- used by open source software
- not restricted in their use
- defined by a published specification

Open Thesauruses are

- Freely accessible for everyone
- Without costs and
- With a free licence



**OPEN METHODS
OPEN DESCRIPTION OF PROCESSES**

Open Processes should be

- documented
- transparent
- repeatable
- reusable

Open Descriptions should be accessible
for everybody



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OPEN PEER REVIEW

Authors and reviewer are not anonymous

The whole process and the decision letters
are open

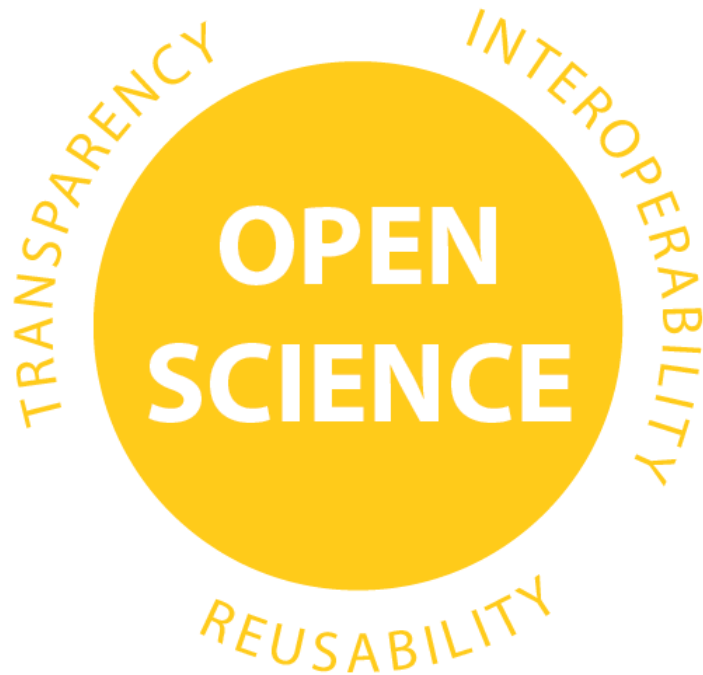


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OPEN LICENSES

Open licences are the basics of Open Science.
The reuse of any work or data is allowed –
without any restrictions



- Open Data
- Open Source
- Open Methodology
- Open Peer Review
- Open Access
- Open Educational Resources
- Open Repositories



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Thank you for your
attention!

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