

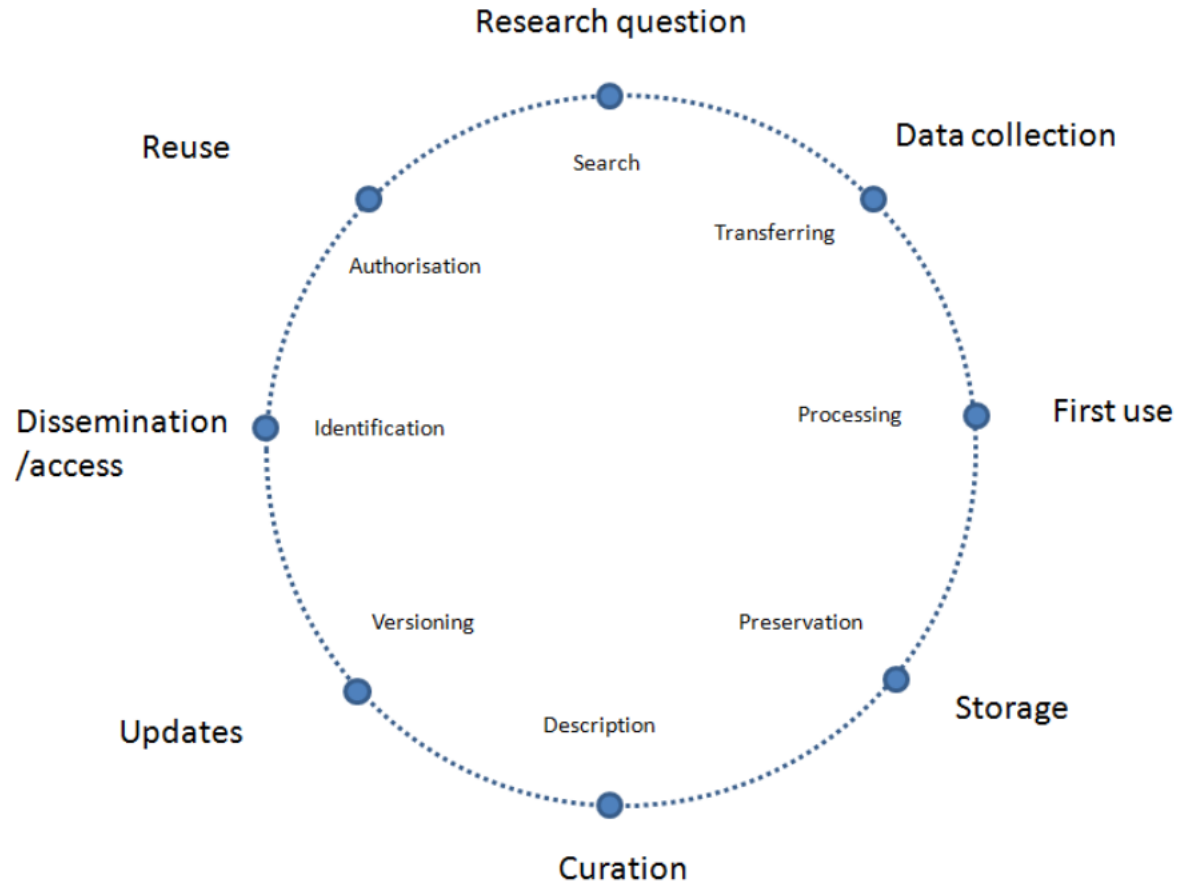
Open Science initiatives in Finland and UEF

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Research data management



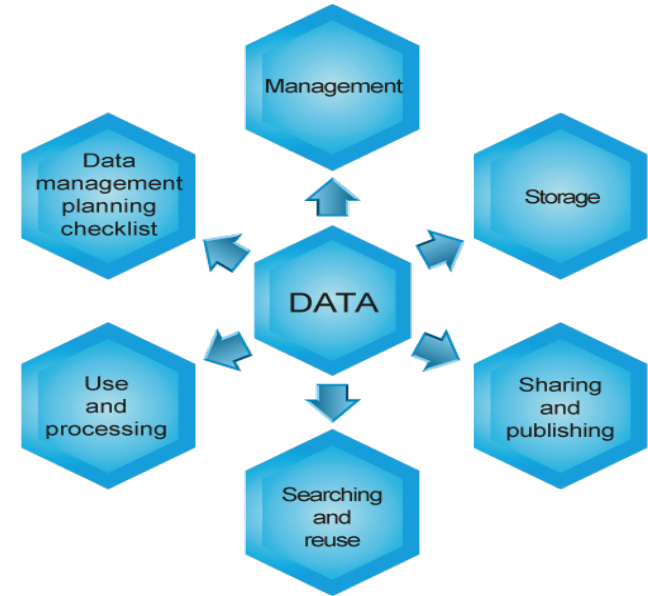
CSC <https://www.tdata.fi/tutkimusprosessi-ja-data>

The various research process phases for national centralized services (independent of discipline) are as follows:

<u>Phase</u>	<u>Type</u>	<u>Service</u>	<u>Service provider</u>
Research question	Data searching	Juuli	Ministry of Education and Culture
Data collection	Data transfer	FileSender	CSC
First use	Data processing	CSC computing resources	CSC
Data warehousing	Data recording and storage	IDA	Ministry of Education and Culture
Curation	Data description	Etsin	Ministry of Education and Culture
Updates	Version management	Etsin	Ministry of Education and Culture
Distribution/access	User identification	HAKA	Ministry of Education and Culture
Reuse	User authorisation management	REMS	Ministry of Education and Culture

Research data management

- Research data (ownership and permissions should be agreed)
 - Transfer of rights agreements (TEKES, EU, order based research)
 - Research ethics
- Data management planning
- <http://www.tdata.fi>
- <http://www.admin.ox.ac.uk/rdm>





Finnish Social Sciences Data Archive (FSD)

- The Finnish Social Science Data Archive (FSD) provides a single point of access to a wide range of digital research data for learning, teaching and research purposes. The archive is a national resource center funded by the Ministry of Education and Culture. All services are free of charge.
- The FSD promotes open access to research data as well as transparency, accumulation and efficient reuse of scientific research.

General principles in publishing

- The main channel of publishing scientific research results are international journals, whenever this expedient for the field of research.
- The university's publications are primarily produced in the electronic form.
- Many funding agencies require or recommend electronic publishing (open access and/or open data)

Publication process

- Find a forum – do you want high impact or high level of readers or both?
- Make a manuscript according to the journals/publishers guidelines & utilize reference management tools
- Send it to the journals/publishers to be evaluated – most modern journals utilize publication data management systems for this
- Make corrections
- Sign the copyright agreement
- Get published
- Promote and market your publication

Copyright agreement

- With this you give to the publisher right to make copies of your book/article etc.
- It is important to at least retain scholarly rights to post and use your articles
 - I.e. the publishers must not be able to make any alterations to your text & you must have the right at least to the parallel publishing within your institution
- You should consider having a complete right at least to disseminate your manuscript freely
- Interests of the publishing business and open access might collide here

Open access

- Digital divide & paywalls & increasing costs of the scientific journals started this discussion
- Green, golden and hybrid OA
 - <http://ojs.tsv.fi/> - green = somebody pays your bills
 - <http://www.plos.org/> - golden = you pay the bill, readers get it for free
 - <http://www.plos.org/publications/publication-fees/>
 - <http://www.elsevier.com/about/open-access/open-access-options> - hybrid=you and library pays the bills - twice
- Policy and research funding pressures towards OA
 - <http://www.aka.fi/en-GB/A/Academy-of-Finland/Media-services/Whats-new/Open-data-and-open-access-unite-researchers-and-promote-research/>
- Some Universities have made statements and/or commitments to the OA
 - <http://www.uef.fi/en/web/open-uef>
- Parallel publishing and repositories
 - <https://erepo.uef.fi/?locale-attribute=en>
- OA to the research data

Thanks!

Questions now

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