

# Digital Humanities in Open Science EcoSystem *- from access to archive -*

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Some slides shared with the courtesy of the colleagues at Leiden University.

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Digitalna edukacija: digitalne kompetencije  
za audio-vizuelno nasleđe i kulturu sećanja

# DH in OS EcoSystem

## *from access to archive*

- Digital Humanities
- Open Science
- Open Access
- Research Life Cycle
- Data Management
- FAIR data
- Digital Collection



# 'Digital Scholarship'

Answering research questions with new digital technologies.  
Digital Scholarship has consequences for:



- **Research** – Access to Big data and metadata, (inter) disciplinary collaboration, development of new methodologies, technologies and instruments. **Data Science**
- **Research process** – Requirements of research funders, - organisations, publishers and government regarding **Research Data management.**



# 'Digital Scholarship'

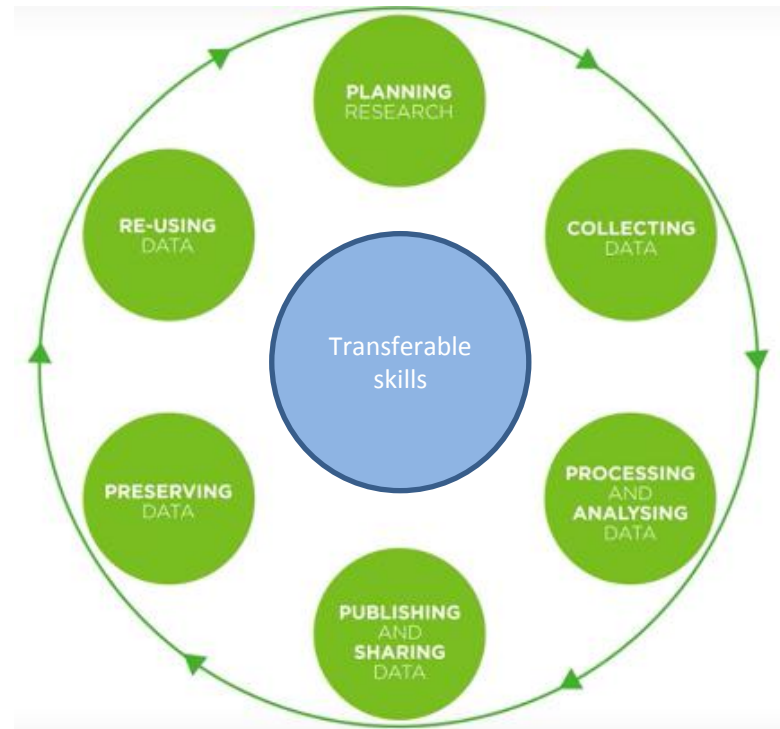
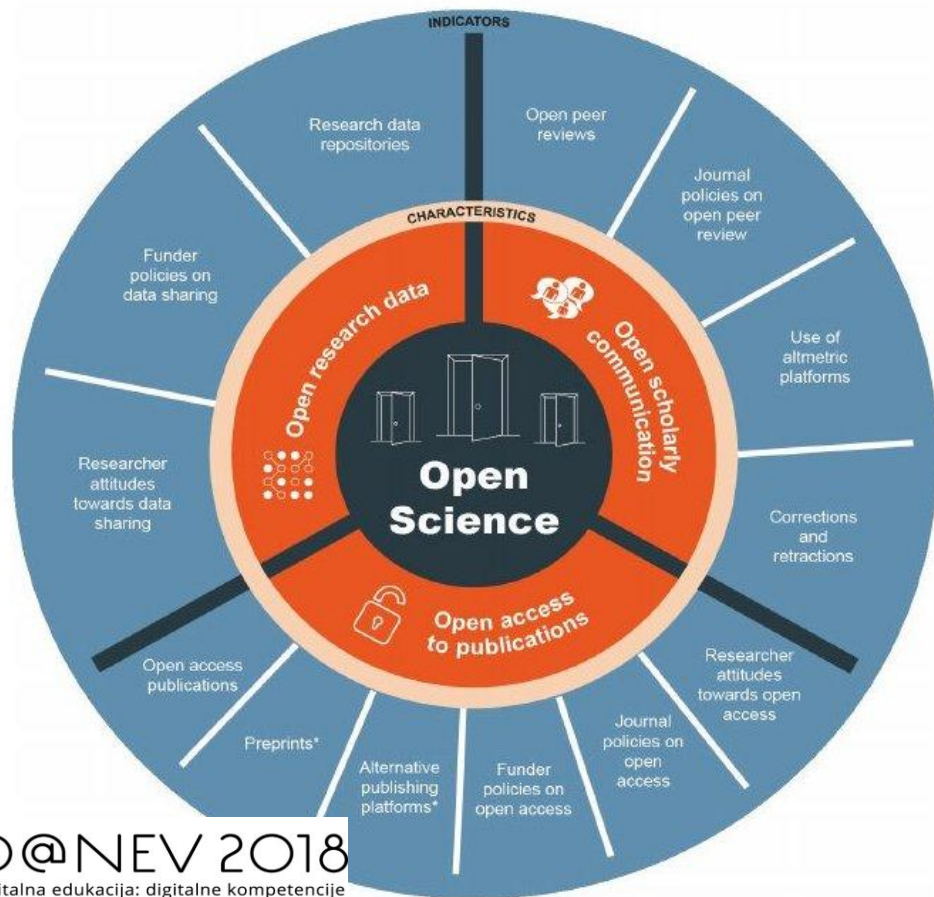
- **Publication process** – New possibilities for online publishing, requirements of government and funding organisations regarding **Open Access**



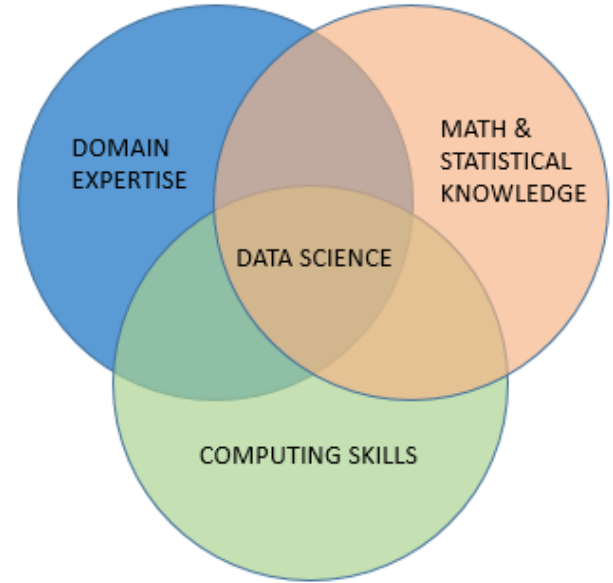
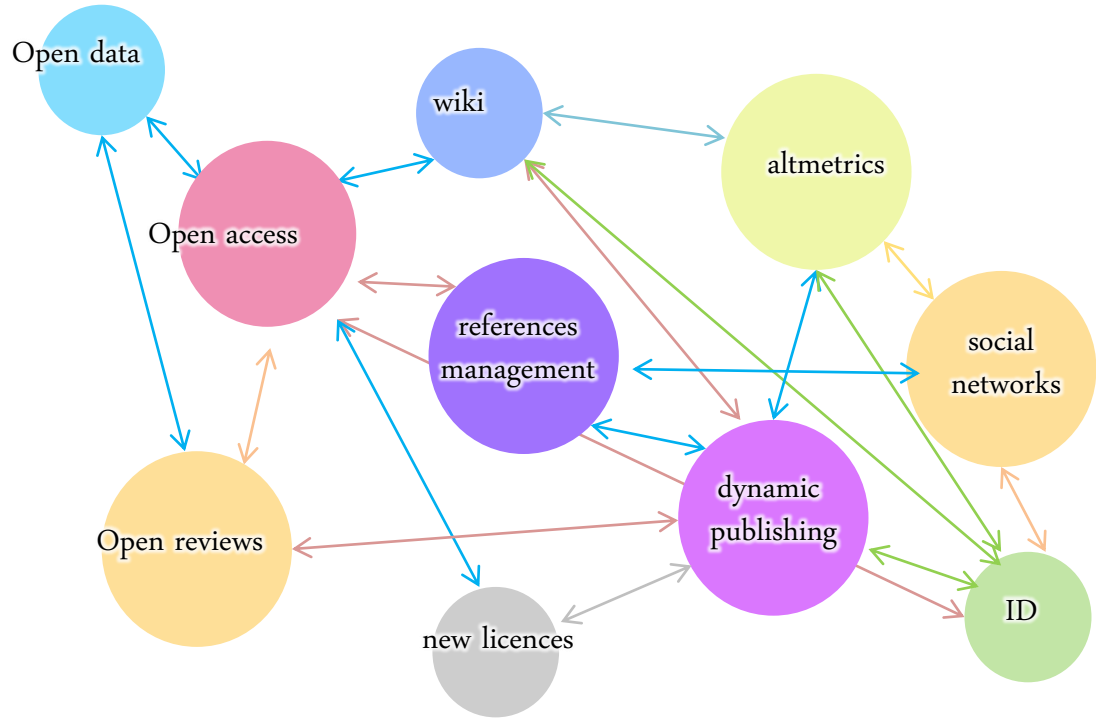
- **Digital Longevity** – New approaches to long term preservation of the scholarly record. **Digital Preservation**

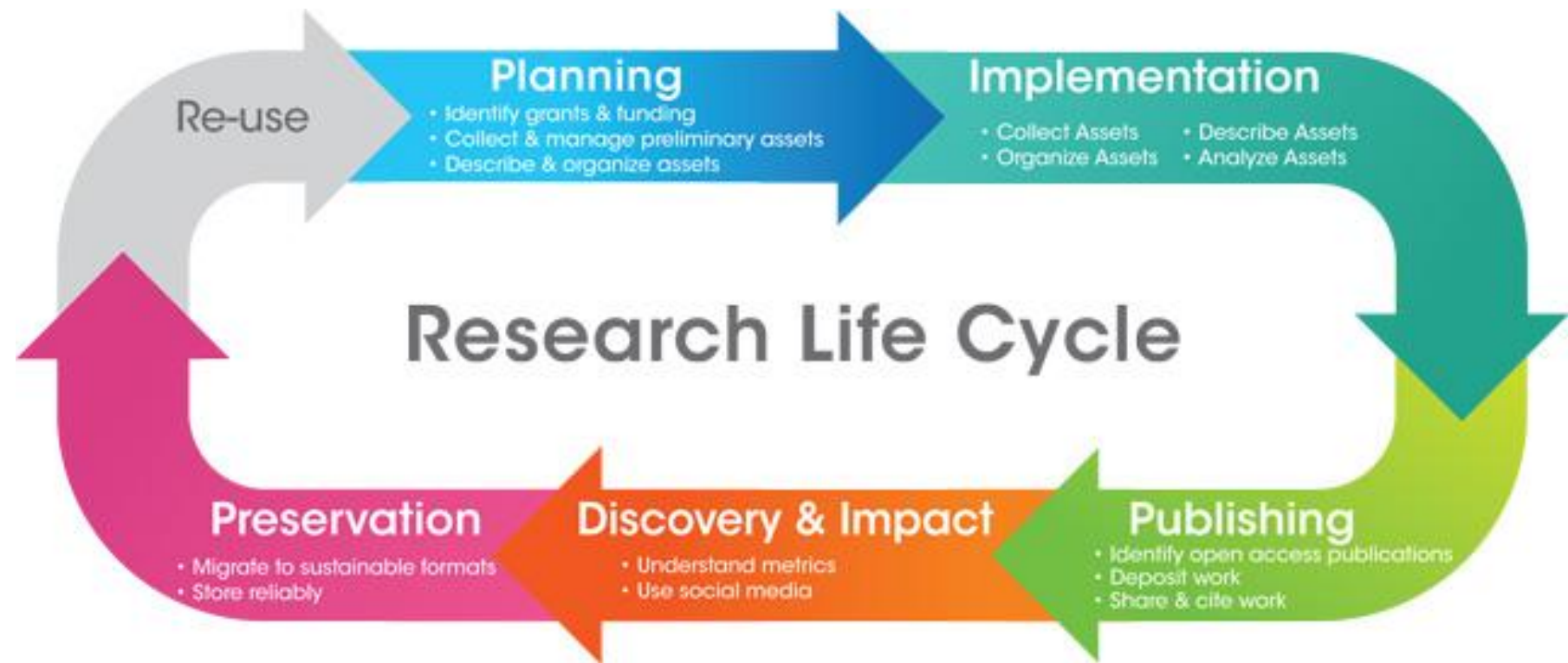


# Open Science & Research Process



# Open science, E-science, Data science





# Data Management Plan

Data collection & creation

Data storage and security

Documentation and metadata

Data access, sharing and reuse

Data preservation and archiving



[www.digitalbevaring.dk](http://www.digitalbevaring.dk)



# Fair Data

- **Findable** data - Easy to find by both humans and computer systems and based on mandatory description of the metadata that allow the discovery of interesting datasets;
- **Accessible** Data - Stored for long term such that they can be easily accessed and/or downloaded with well-defined license and access conditions (Open Access *when possible*), whether at the level of metadata, or at the level of the actual data content;
- **Interoperable** Data - Data formats, Standards, metadata, controlled vocabularies, keywords, Documentation;
- **Reusable** Data - Ready to be used for future research and to be processed further using computational methods.

open  
data  
is about  
MORE  
THAN  
DISCLOSURE  
it must be  
"Fair"

- Findable
- Accessible
- Interoperable
- Reusable

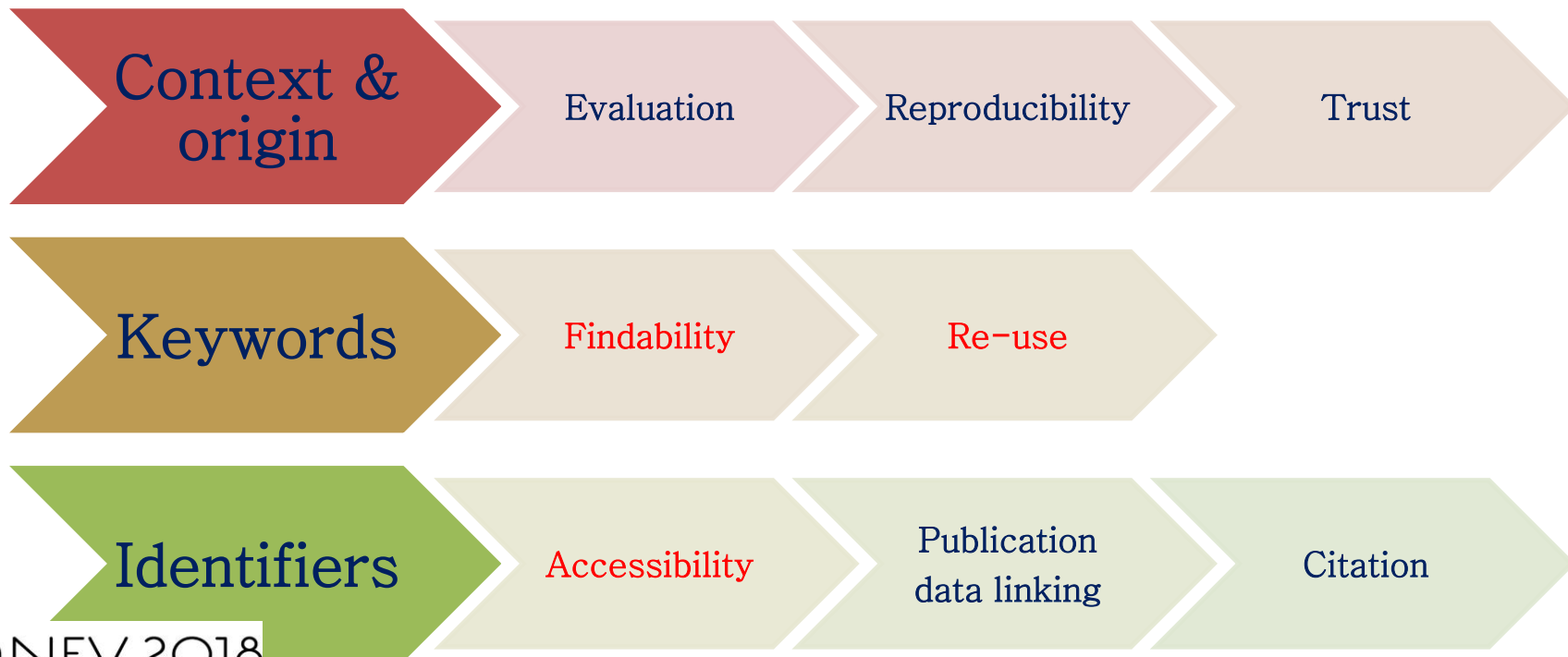
# Metadata: data about the data

- WHO created the data?
- WHAT is it?
- WHERE is it?
- WHEN were they created?
- HOW were they created?
- WHY were they created?



# DATA COLLECTION: use & create

What do you need in order to find, understand and trust someone's data?



# Online Collections, Platforms, etc.



<http://oapen.org/>



Open Library of Humanities

[www.openlibhums.org](http://www.openlibhums.org)



[www.doaj.org](http://www.doaj.org)



[www.academia.edu](http://www.academia.edu)



<https://zenodo.org/>