

# Data Lifecycle and Data Management Planning for DH at the ACDH

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# Outline

- Introduction
- Research data lifecycle models
- Research data management
- Case study: data workflow model @ ACDH

# Introduction

- Increasing obligation to manage research data
- Increasing emphasis on data sharing in research
- Increasing emphasis on reusing research data
- More funding bodies request data management plans

# Research data lifecycle models

*„represent the life course of a larger system, such as the research process, through a series of sequentially related stages or phases in which information is produced or manipulated“*

(Humphrey, 2006)

*„help to define and illustrate these complex processes visually, making it easier to identify the component parts or distinct stages of the research data“*

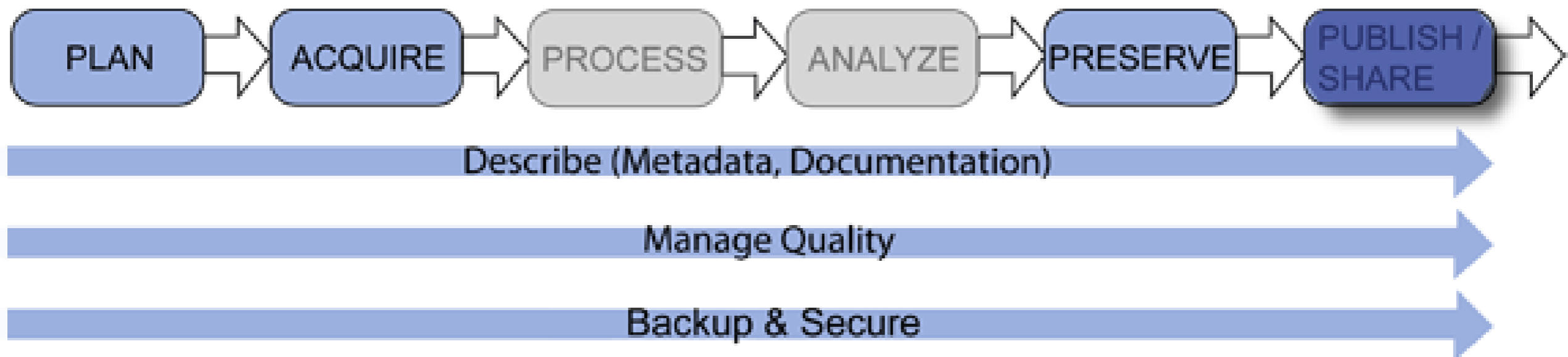
(Carlson, 2014)

# Types of research data lifecycle models

## A) Models classified according to visualisation form

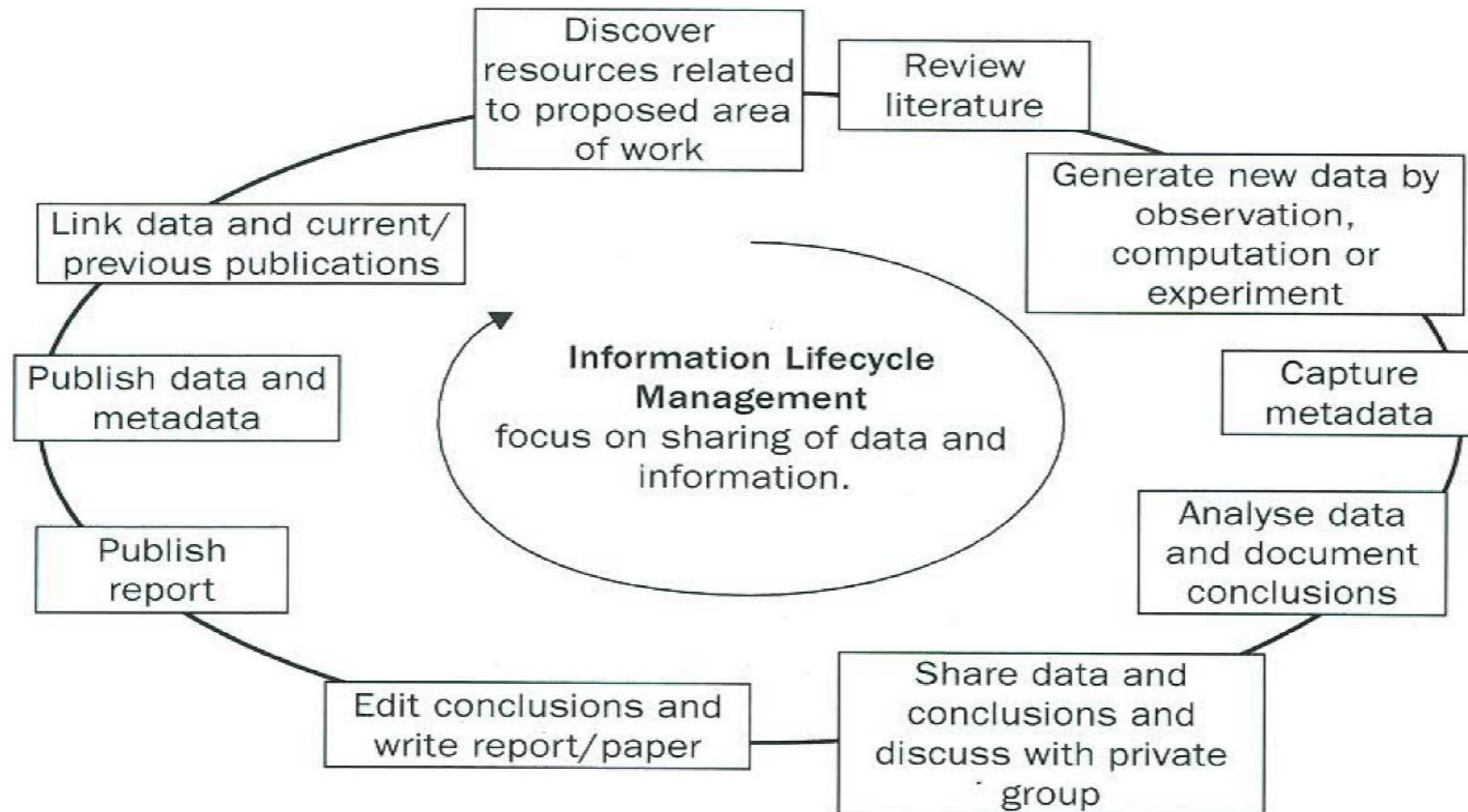
- Linear
- Circular
- Non-linear
- Others

# Types of research data lifecycle models



USGS Science Data Lifecycle Model (Faundeen et al., 2013)

# Types of research data lifecycle models



e-research and data and information lifecycle (Allan, 2009).

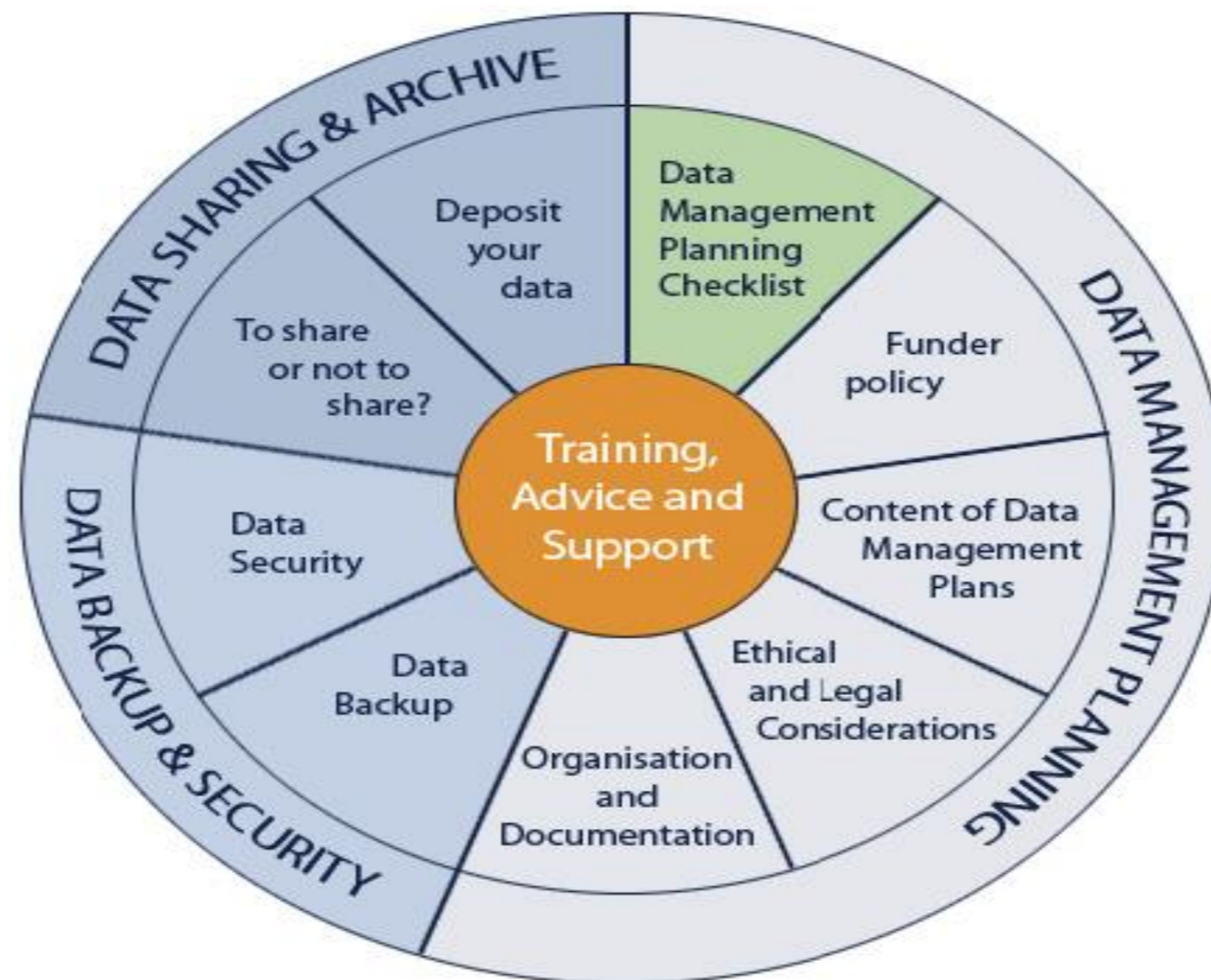
# Types of research data lifecycle models

## **B) Models classified according to the creator or user**

- Individual-based
- Organisational-based
- Community-based

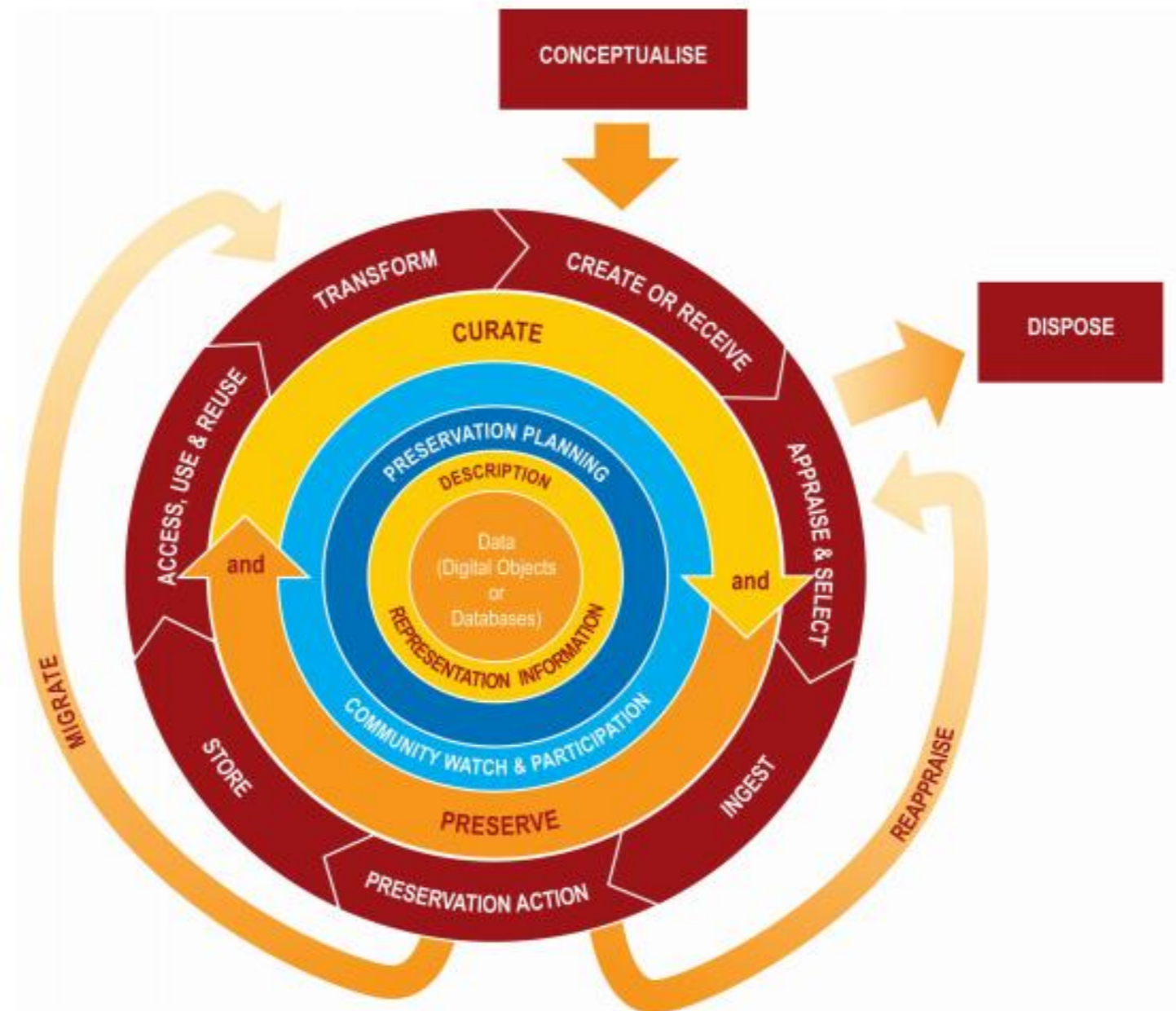


# Types of research data lifecycle models



University of Oxford Research Data Management Chart (CEOS, 2011)

# Types of research data lifecycle models



DCC Curation Lifecycle Model (Higgins, 2008).

# Research data management

*„all data practices, manipulations, enhancements and processes that ensure that research data are of a high quality, are well organized, documented, preserved, sustainable, accessible and reusable“*

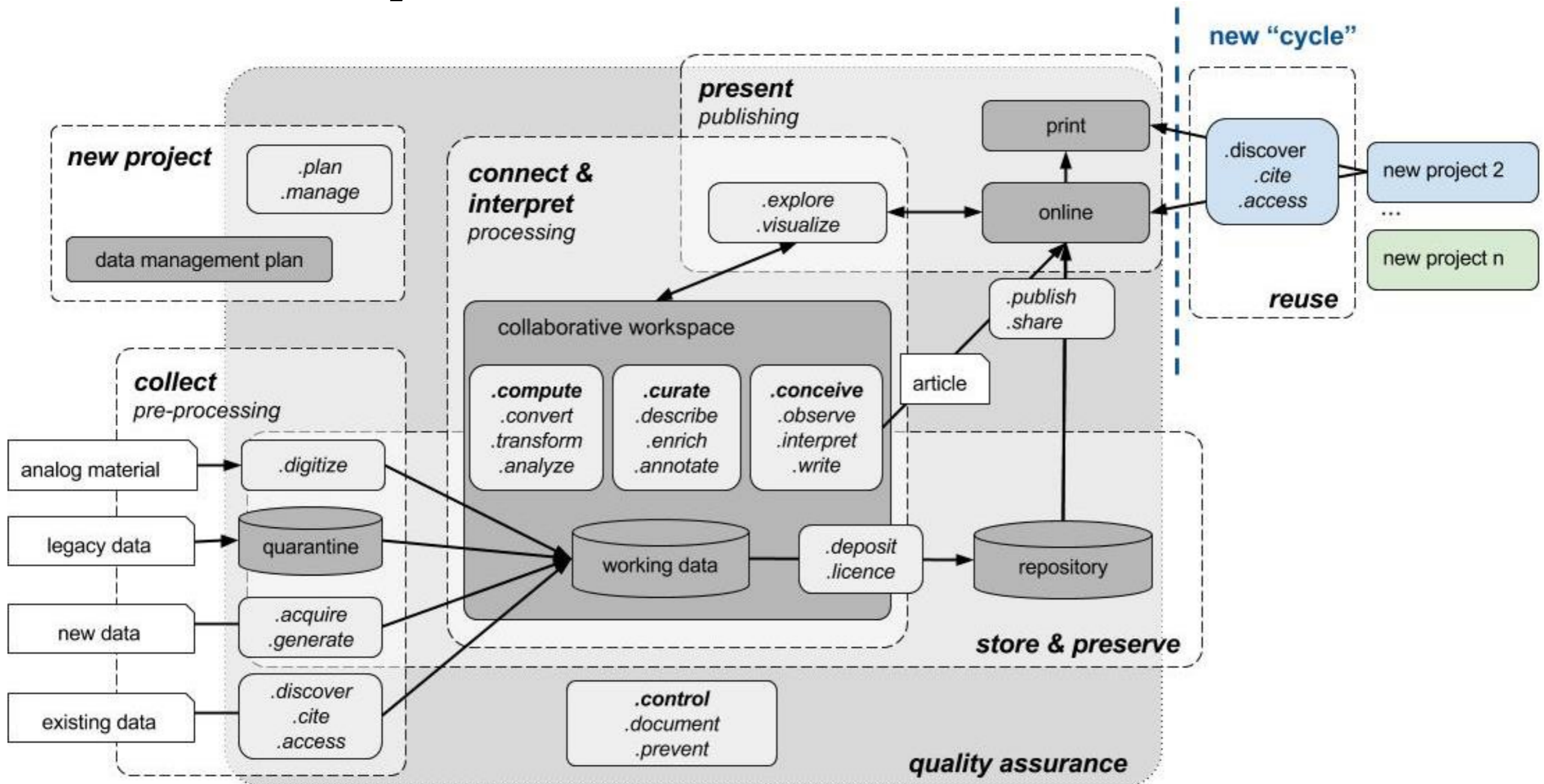
*(Corti et al., 2014)*

# Case study: data workflow @ ACDH

When modeling data workflows, different factors have to be taken into account:

- Target group
- Best practices and standards in the relevant field or community
- Real needs of the target group

# Case study: data workflow @ ACDH



**Thank you!**  
**Any Questions?**

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