Nationally produced training resources:

The case of Denmark

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Our cases: Nationally funded OS initiatives

1. DEFF-project: "Open Science Skills in Danish Research Libraries" (2018-2020)
   - 6 institutions, 20 project members
   - Project goals: *Map the existing Open Science skills and competences in Danish research libraries and outline how to develop them over the next years*

2. DM Forum-project: "RDM eLearning modules I & II" (2018-2019)
   - 9 institutions, 15 project members
   - Project goal: *Produce state-of-the-art eLearning to set a baseline for RDM knowledge throughout all Danish universities*

# Open Science skills in Danish research libraries

- The Open Research ecosystem:
  - Research life cycle
  - OS infrastructures
  - Library services
  - Policies and principles

- Dynamic processes
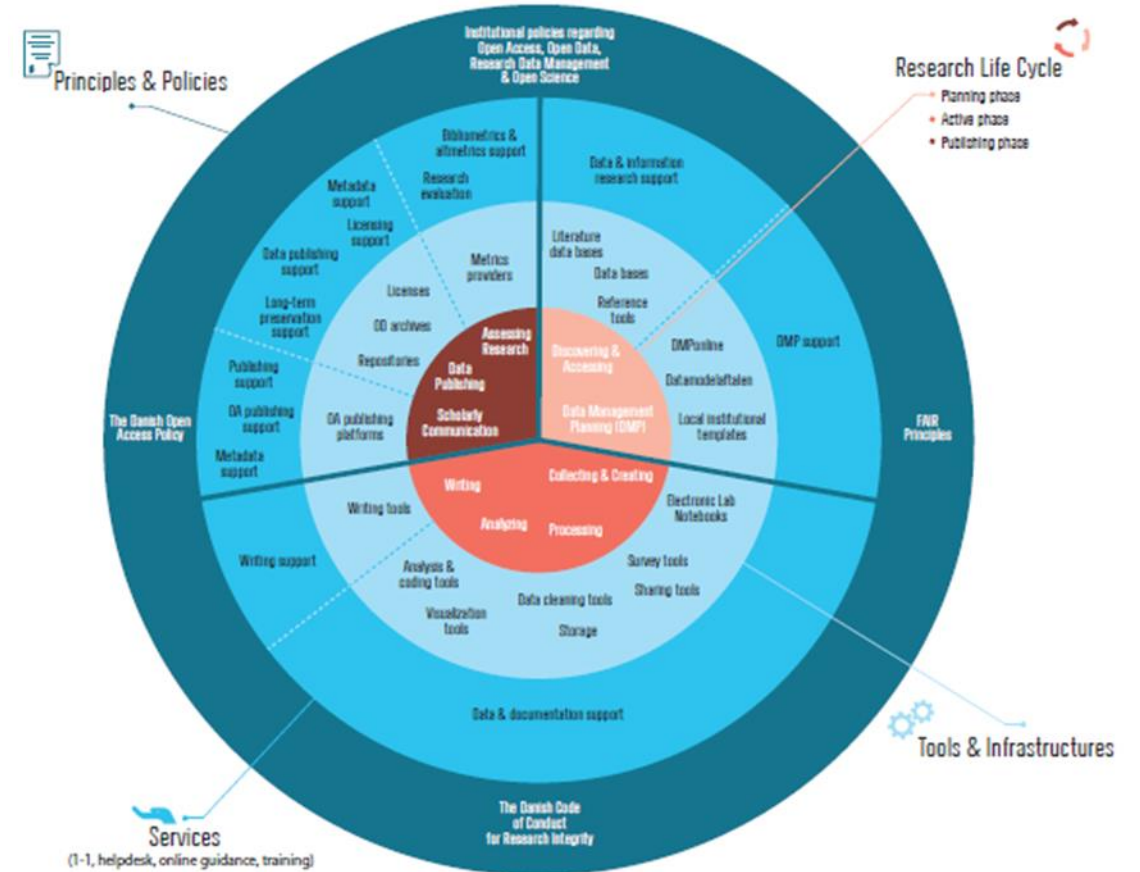
Project deliverables

1) Competency model

2) Competency & development catalogue

3) Examplary competency development programs

Competency Model & Library Staff Profiles

	Basic	Savvy	Expert
Planning	→	→	
Active	→	→	
Publishing	→	→	

Competency & Development Catalogue

- Planning
- Active
- Publishing
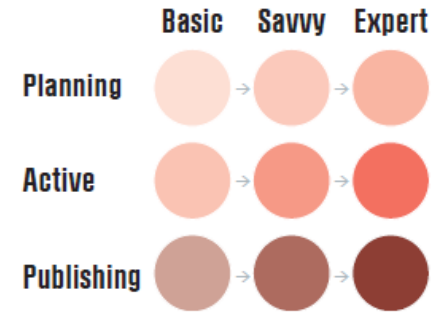
Example Competency Development Program

Competency development programs

1) How to access and use openly available digital collections?

2) Introduction to RDM

3) How to plan Open Science trainings

Example Competency Development Program

RDM eLearning module I: Introductory videos

Module 1: Introduction

- **Understand the importance of managing research data**
- **Know how the main actors within research data management (RDM) can affect research**
- **Identify different types of research data in various disciplines**
- **Realize what RDM entails when looking at the Research Data Lifecycle**

Module 2: FAIR principles
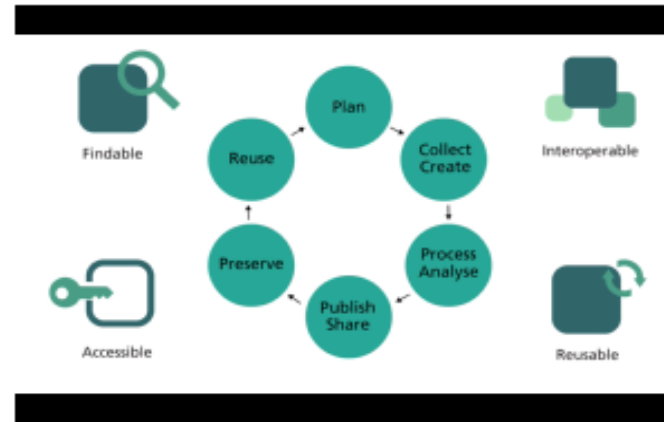
- **Identify key elements that help make research data Findable, Accessible, Interoperable and Re-usable**
- **Understand how these key elements are applied in different research disciplines and different research workflows**
- **Distinguish between FAIR data and open data**

Module 3: Data Management Plans

- **Understand the added value of making data management plans in research projects**
- **Identify challenges in projects in relation to research data management**
- **Identify stakeholders that require a DMP and know how to begin making a DMP, including which topics to cover**

RDM eLearning module II: Make your data FAIR

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Our challenges

- How to make our training materials FAIR?

- How to create sustainable access to our training materials?

- How to ensure re-usability and development of our training materials in the future?
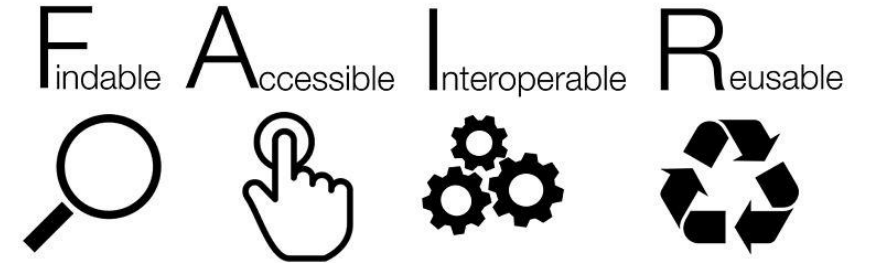

Image: CC-BY-SA 4.0 by Sangya Pundir

Images from "A FAIRy tale"
(http://doi.org/10.5281/zenodo.2248200; CC-BY-SA 4.0)

Want to know more?

- Website: [Open Science Skills for Danish Research Libraries](#) or https://bit.ly/2WeM8DR

- Mareike Christina Harms Buss, & Katrine Flindt Holmstrand. (2018). *Open Science Skills in Danish Research Libraries*. Zenodo. http://doi.org/10.5281/zenodo.1478553

- RDM eLearning modules: https://vidensportal.deic.dk/en/RDMELearn

- More training & awareness materials: https://vidensportal.deic.dk/en/FAIR & https://vidensportal.deic.dk/en/FAIRAcross