The background features a collection of stylized, isometric illustrations of people in various professional and medical settings. On the left, a man in a brown jacket and glasses talks on a phone, while a woman in a red top and black leggings looks at a device. In the center, a man in a white lab coat gestures towards a group of three people, including a woman in a blue top and green pants, and another in a white lab coat. On the right, a woman in a dark suit holds a folder, and a woman in a white lab coat talks on a phone. The background is a dark blue with large, light blue, organic shapes.

Health-RI FAIR Data stewards basics course 19 & 20 June + 3 July 2023

Fieke Schoots & Mijke Jetten

Programme

- Day 1: Data stewardship, policy and planning
- Day 2: Tools and workflows for FAIR (meta)data
- Day 3: Sharing and reuse for research

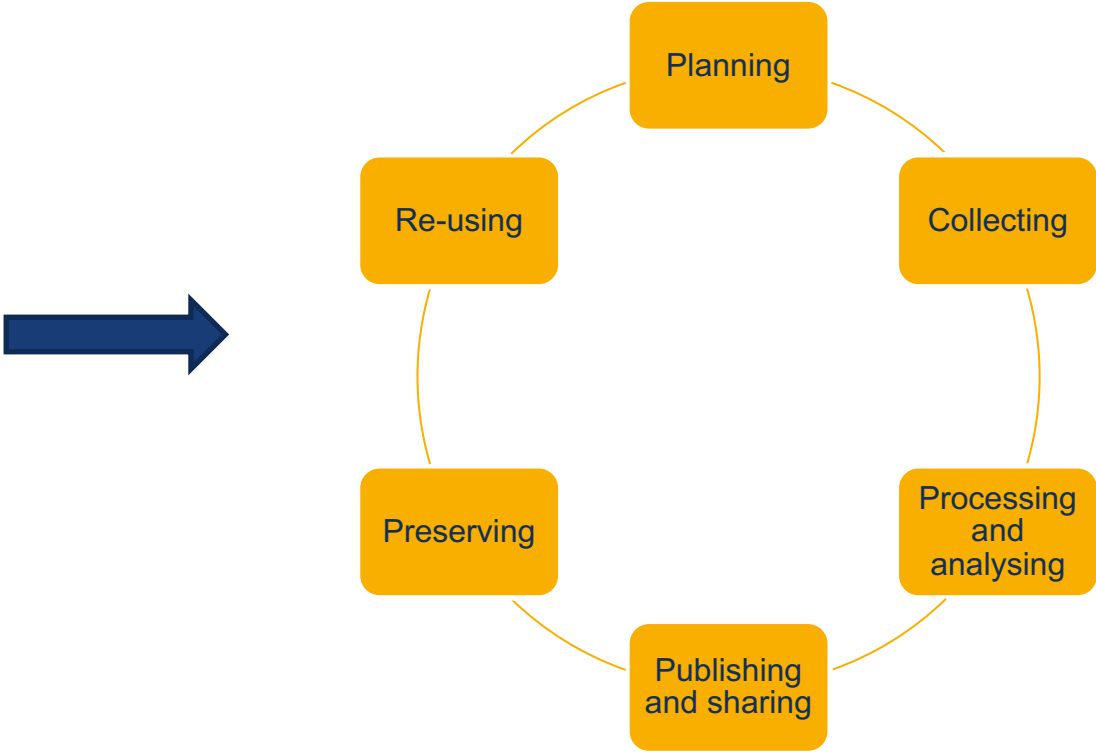
The full programme is in the Teams folder and [here](#)



Sharing and reuse for research

Day 3 | 3 July 2023

Phase in the Research Data Life Cycle



DAY 3 | Sharing & reuse

10.00 - 10.15

Recap & Program

- Interoperable Case Report Forms
- European Joint Project-Rare Diseases example & FAIRopoly
- FAIRification workflow ('metroline': see <https://doi.org/10.5281/zenodo.8088243>)
- Metadata
- FAIR data point populator
- Health-RI metadata portal

DAY 3 | Programme

Day 3	Topic	Trainers	Type
9.45 – 10.00	Coffee/tea		
10.00 – 10.15	Welcome Recap Program	Course organisers	Informal
10.15 – 10.45	Software sustainability	Carlos Martinez Ortiz (eScience center)	Presentation
10.45 – 11.00	Coffee break		
11.00 – 12.00	Publishing and archiving data	Cees Hof & Kim Ferguson, DANS	Presentation + hands-on
12:00-12:15	Sharing images	Esther Bron, Health-RI architecture team / Erasmus UMC	Presentation
12.15 – 12.45	Lunch break		
12.45 – 14.15	Carpentry lesson: Data Organization in Spreadsheets (for Social Scientists)	Kristina Hettne, Centre for Digital Scholarship, Leiden University & Carpentry instructor	Hands-on
14.15 – 14.30	Tea break		
14.30 – 15.30	Awareness raising & community building - Group activity: how to raise awareness on FAIR in your institution	Course organisers + Invited speaker	Group activity
15.30 – 16.15	Evaluation of initial learning goals and wrap-up	Course organisers	
16.15 – 17.15	Drinks		

DAY 3 | Sharing & reuse

10.15 - 10.45

Software sustainability

Carlos Martinez Ortiz
(eScience center)

Learning outcomes

- Why software sustainability is important
- Considerations for building software sustainability
- How to improve sustainability of software

DAY 3 | Sharing & reuse

10.45 - 12.00

Publishing & archiving data

Cees Hof, Kim Ferguson, DANS

Learning outcomes

- Why software sustainability is important
- Considerations for building software sustainability
- How to improve sustainability of software

DAY 3 | Sharing & reuse

12.00 - 12.15

Sharing images

Esther Bron, Health-RI | Erasmus MC

Learning outcomes

- Insight into research with medical images
- Understanding how machine learning is crucial in medical imaging research
- Understanding the need for data sharing in image analysis research
- Understanding how Health-RI and data stewards can play an important role here

DAY 3 | Sharing & reuse

12.45 - 14.15

Carpentry lesson: Data Organization in Spreadsheets

Kristina Hettne, Centre for Digital Scholarship, Leiden University

Learning outcomes

- Understand good data entry practices
- Understand how to avoid common formatting mistakes
- Be familiar with approaches for handling dates in spreadsheets
- Understand basic quality control and data manipulation in spreadsheets
- Understand how to export data from spreadsheets

DAY 3 | Sharing & reuse

14.30 - 15.30

Awareness raising & community building

All

Learning outcomes

- Describe different activities to raise awareness on FAIR
- Identify appropriate activity for own target group
- Design and prepare activity

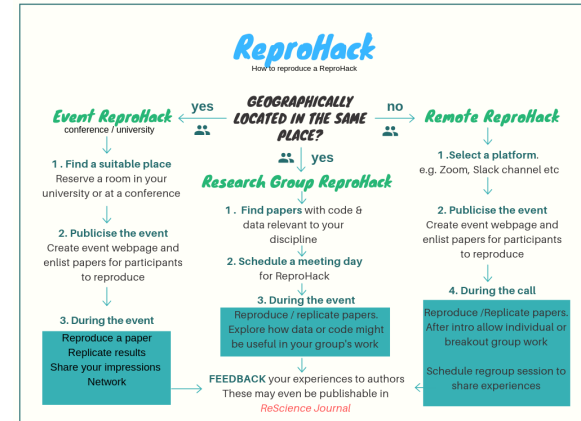
DAY 3 | Awareness raising & community building

- Assignment: Plan an event in your organization to raise awareness on FAIR: see document in Teams > Day 3 > Materials > Assignment...
- 1. Choose your event, examples:
 - A. Reprohack
 - B. Network event
 - C. Workshop
 - Other examples: town hall meeting, coffee / lunch / pizza meetings, carpentry lessons...
- 2. Team up
- 3. Discuss and prepare the event according to the template
- 4. Briefly (< 2 mins) pitch your event to the group

Day 3 | Example: Reprohack

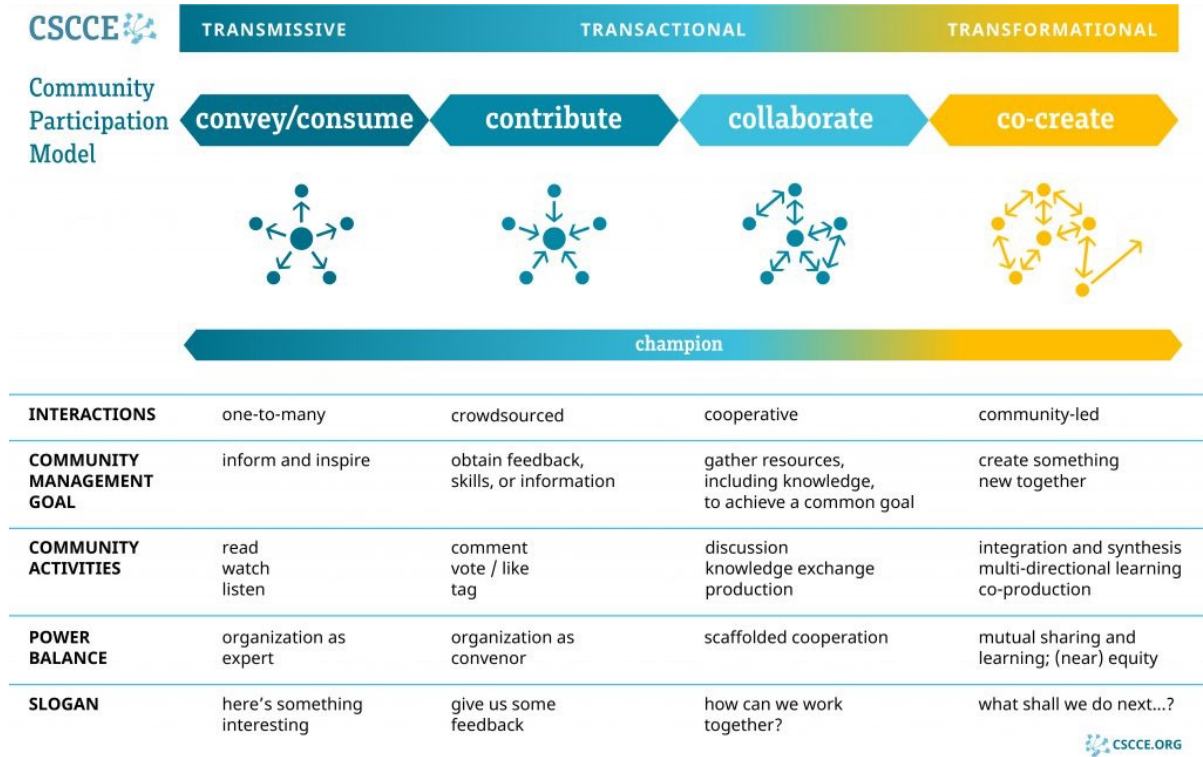


- **Purpose:** make authors / researchers aware of how to ensure the findings in their publications can be reproduced
- **Duration :** ½ day
- Before you start, take a look here: <https://www.reprohack.org> (see a.o. Organisers guidelines under Resources)



Day 3 | Network event

- **Purpose:** get together people involved in data stewardship in your organisation to exchange best practices (create a peer learning community)
- **Duration:** 1 – 3 hours
- Before you start, take a look here:
[https://www.cscce.org/;](https://www.cscce.org/)
 for instance this model:
<https://www.cscce.org/resources/cpm/#cpm-model>



Center for Scientific Collaboration and Community Engagement. (2020) [The CSCCE Community Participation Model – A framework for member engagement and information flow in STEM communities](#). Woodley and Pratt doi:10.5281/zenodo.3997802; [CC BY-NC-ND 4.0 license](#)

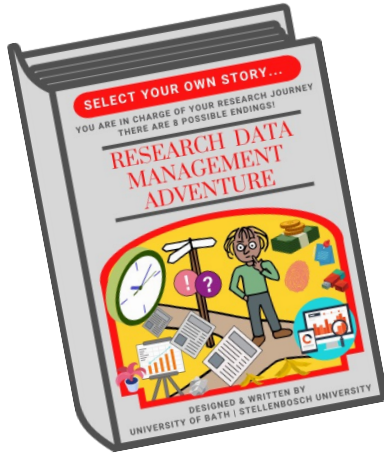
Day 3 | Example: Workshop

- **Purpose:** organise and deliver a new workshop or course for a specific group of researchers on topics related to FAIR: FAIR awareness; DMP's; tooling; metadata, etc.
- **Duration:** 1 hour – ½ day
- Before you start, take a look here: <https://learn.eosc-synergy.eu/get-started/>



Source: <https://learn.eosc-synergy.eu/get-started/>

Day 3 | Other examples of awareness raising: games



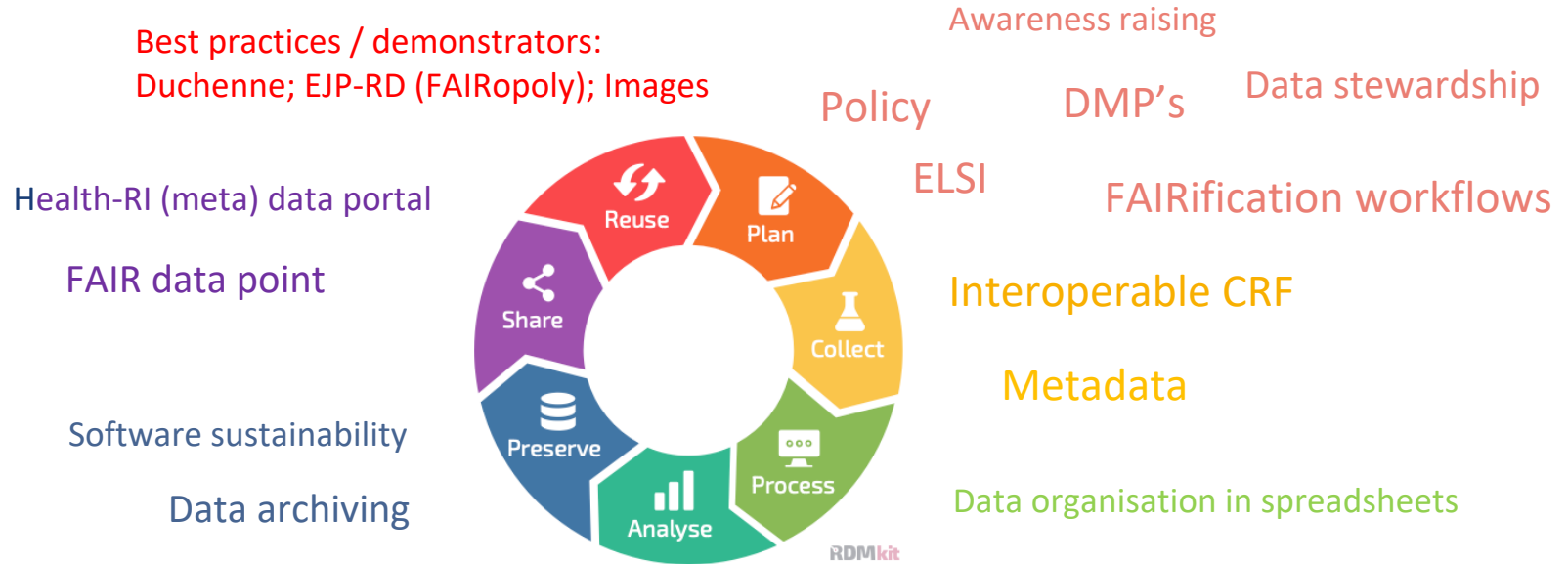
- Research Data Management Adventure: <https://rdm-games.gitlab.io/rdm-adventure/>
- Data Horror Escape Room: <https://sites.google.com/vu.nl/datahorror/home>

DAY 3 | Sharing & reuse

15.45 - 16.15

Final wrap-up and evaluation of learning goals

All



DAY 3 | Sharing & reuse

16.15 - 17.15

DRINKS!

Sharing is peanuts...

