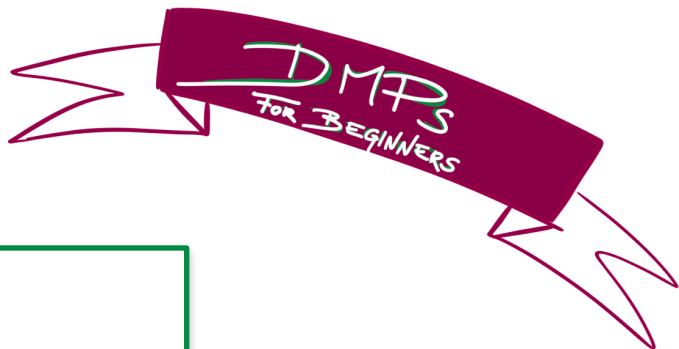


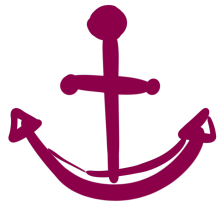
BOARDING ...



We will start at 10:00.

- Ask questions! :)
- Please **turn on** your camera
- Please unmute yourself to **speak**
- The session will **not** be **recorded**
- Material & slides will be **provided**





DATA MANAGEMENT PLANS FOR BEGINNERS

Jeanne Wilbrandt — Data Steward



WELCOME!



WELCOME — RECAP

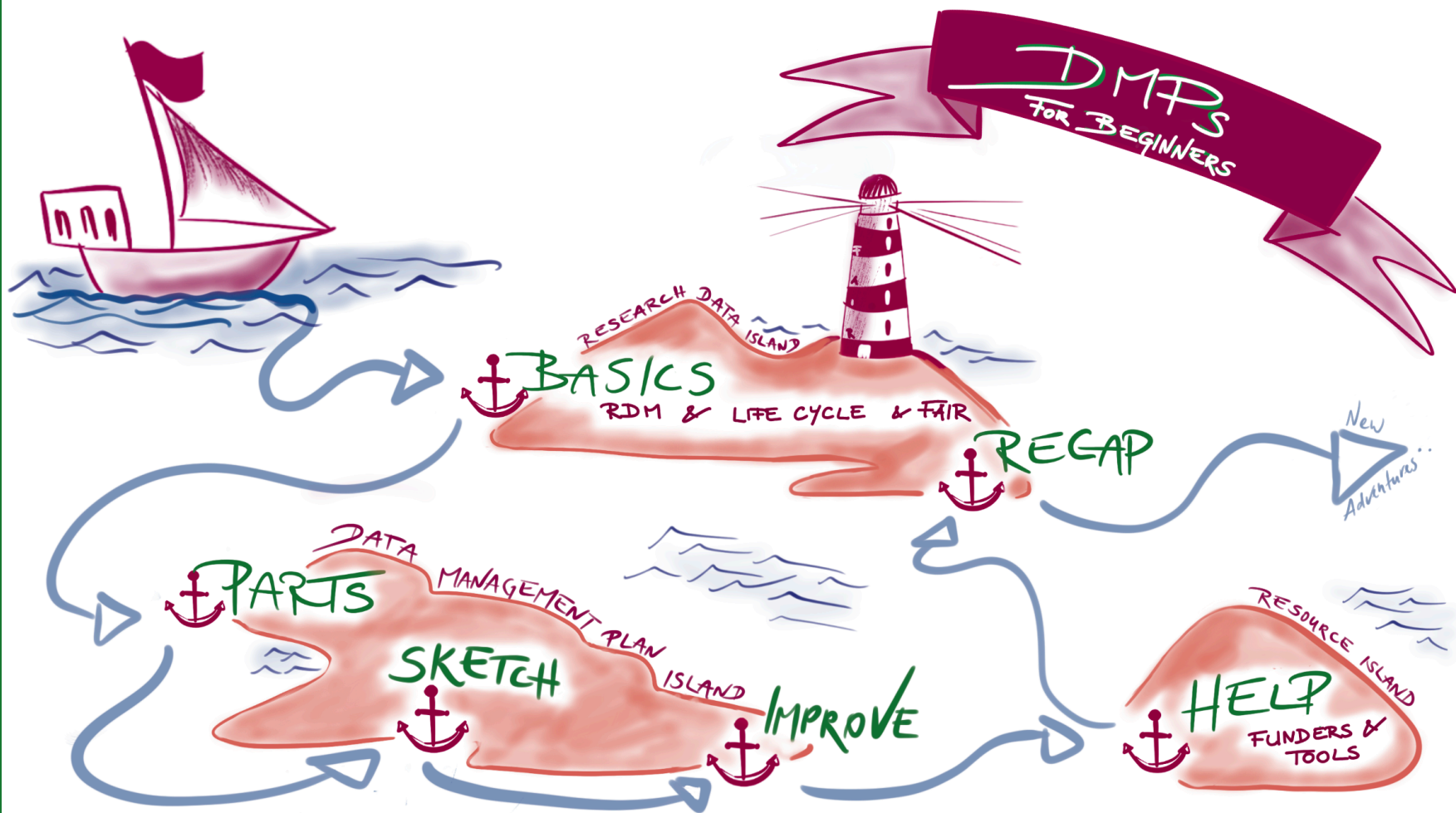


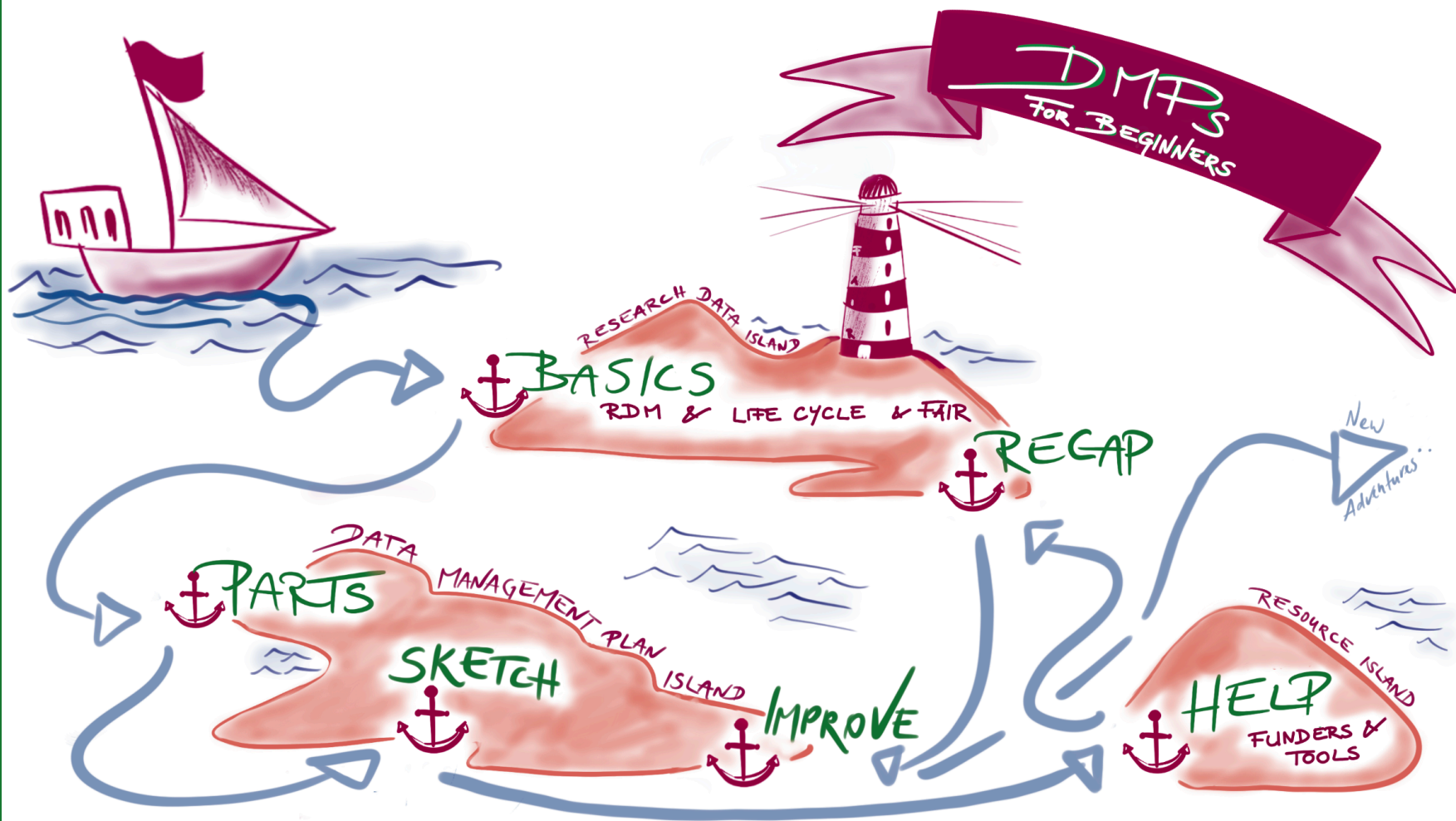
Explain the buzz-words to each other

Breakout rooms & Wheel Decide

Wheel







TOPICS TODAY



Funders & Tools



Revisit RDM & FAIR



From Sketch to Draft





FUNDERS & TOOLS



FUNDERS

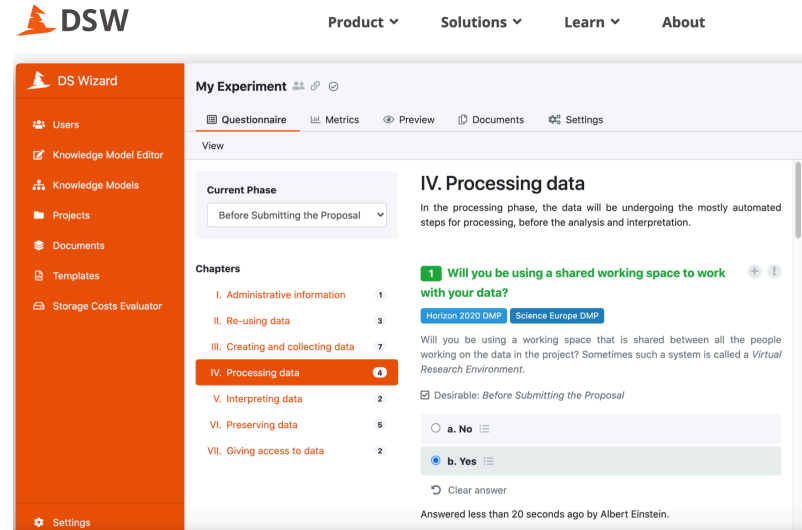


<i>Agency</i>	<i>Requirement</i>	<i>Submit with proposal</i>	<i>Content</i>	<i>Update</i>	<i>Link</i>
EC Horizon 2020	DMP	no, first plan within first 6 months of project	following the H2020 Template	yes, in case of significant changes and at project end	Online Manual
DFG	information on handling of research data	yes	following the DFG Codex on Data Management	no	Principles of DFG Funding
BMBF	depends on program	yes if required	depends on program	depends on program	Aktionsplan Forschungsdaten



DMP Tools & RESOURCES

- DMPTool [<https://dmptool.org/>]
- RDMO [<https://rdmorganiser.github.io/en/>]
- DSWizard [<https://ds-wizard.org/>]



DMP TOOLS & RESOURCES

- Practical Guide to the International Alignment of Research Data Management — Extended Edition [<https://doi.org/10.5281/zenodo.4915861>]
- forschungsdaten.info & forschungsdaten.org
- Digital Curation Centre on DMPs [<https://www.dcc.ac.uk/resources/data-management-plans>]



RDM & FAIR





- Prepare statement (3min)
- Present (1min)
- Discuss (1min)

*Assume the position given to you ,
present it,
others reply*

Plenum





BIO-BREAK



FAIR (META)DATA PRINCIPLES

FINDABLE



- Permanent ID
- Indexed in searchable resource

+

ACCESSIBLE



- Defined retrieval protocol and license
- Authentication & authorization

+

INTEROPERABLE



- Formats are open, free, and commonly standardized
- Easily harmonized

=

REUSABLE



- License
- Information on genesis
- Conforming relevant standards

... for machines and humans

FAIR (META)DATA PRINCIPLES

FINDABLE



+

ACCESSIBLE



+

INTEROPERABLE



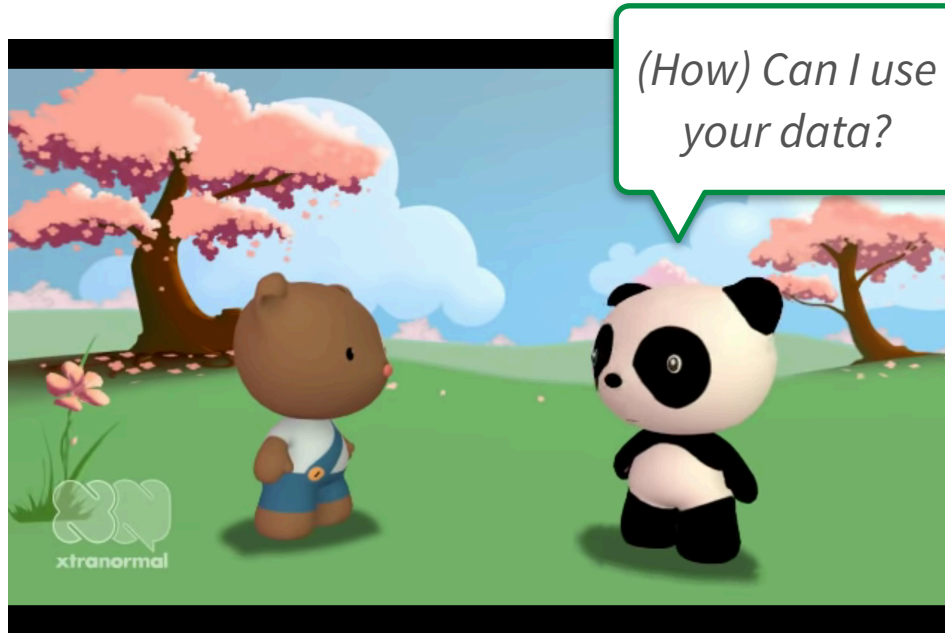
=

REUSABLE



- Open Science != Open Access
- As open as possible, as closed as necessary
- Not a standard, but guiding principles
- Spectrum “Fitness for use”, dep. on question

FAIR PRACTICE?

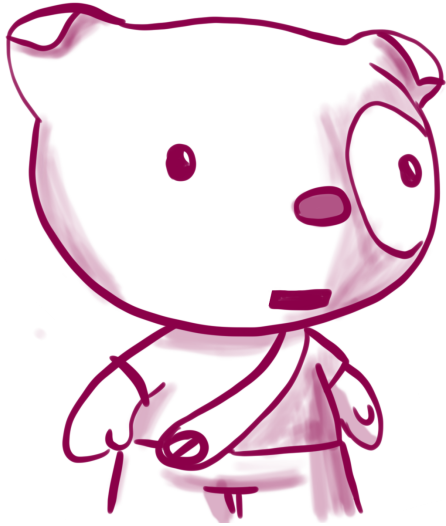


Data Sharing and Management SNAFU in 3 Short Acts by NYU Health Sciences Library



xtranormal

FAIR PRACTICE?



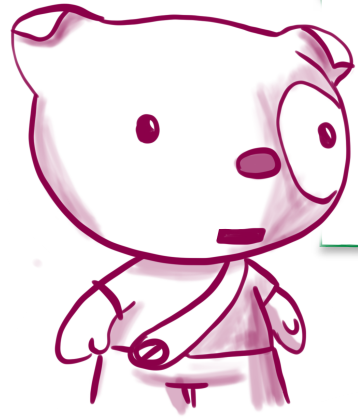
“I am not sure where my data is!”

“That [USB-Stick] is my only copy.”

“You will need the program that created the hexadecimal file!”

“Everything you need to know is in the article.”

FAIR PRACTICE?



Landlubbers...

Specify the problems and suggest solutions

Breakout / Padlet



FAIR PRACTICE? — PROBLEMS



→ Dataset not fit for use
with given purpose...

“I am not sure where my data is!”

... no ID, not indexed

“That [USB-Stick] is my only copy.”

... no defined access protocol

*“You will need the program that created
the hexadecimal file!”*

... no standard format

*“Everything you need to know is in the
article.”*

... no metadata, no license



FAIR PRACTICE? — SOLUTIONS

“I am not sure where my data is!”

... no ID, not indexed

“That [USB-Stick] is my only copy.”

... no defined access protocol

“You will need the program that created the hexadecimal file!”

... no standard format

“Everything you need to know is in the article.”

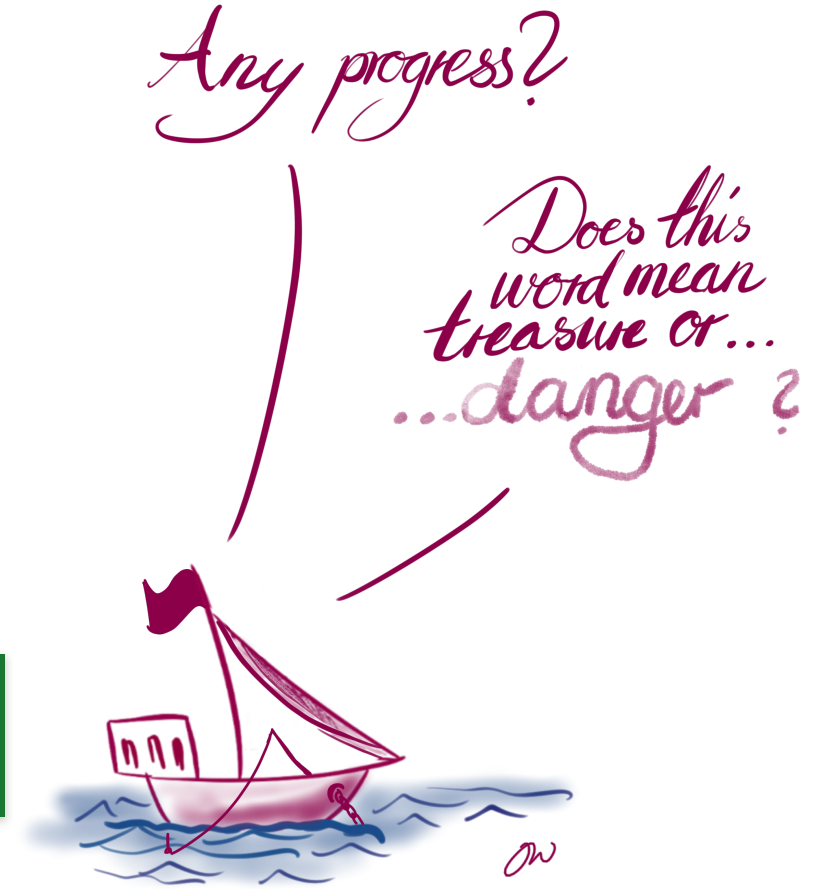
... no metadata, no license



Helpful RDM strategies:

- Backup
- Publish in a repository (ID, access)
- Describe data format and add program or change format to open one
- Describe data (column names)
- Give additional metadata (co-author)
- Define responsibilities

BIO-BREAK





Let's have a look at an example DMP!

The Polarstern-DMP: Can we make it more FAIR?

Breakout / Scribble





FROM SKETCH TO DRAFT



TOWARDS A DRAFT



How FAIR are my bullet points?

Revisit your DMP sketches: What can be addressed to improve FAIRness?

Google Docs

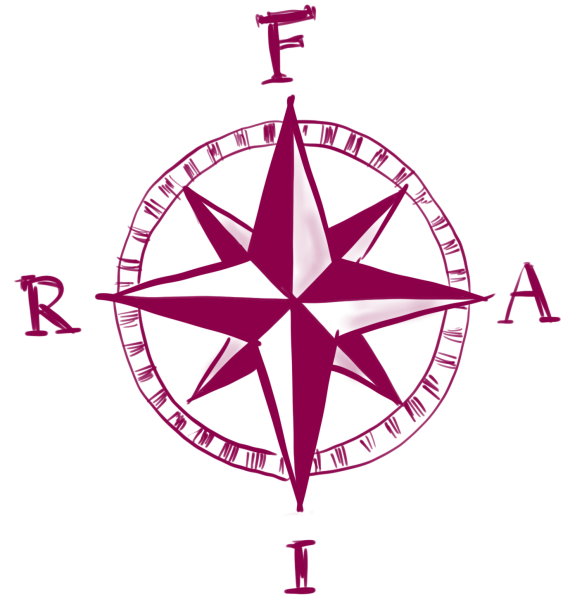


MAKING DATA FAIR

Good RDM benefits you, your collaborators, and science:



CLOSING



FEEDBACK



FEEDBACK



FEEDBACK



OPEN QUESTIONS?



Jeanne Wilbrandt
Daniel Wibberg
Amandine Nunes-Jorges
Steve Hoffmann
Maja Rey
Sebastian Beier
Matthias Lange
Simon Parker
Ulrike Wittig
Martin Eisenacher
Helena Schnitzer
Christian Quast



THANK YOU FOR PARTICIPATING!

